

Note Book

Mch. 25 - April 23 / 1930

Japan
and
Manchuria.

W. J. Morse.

Wittlingen

Tuesday, March 25, 1930.

Tokyo, Japan.

Raining and cool early in the morning. Stopped about 9 A.M. and left about 9.30 for Ujimachi to visit the Senmai Miso Factory where we took pictures of the steamed beans on the floor. The beans are cooled up and then mixed with the mixture of milled (Koyu) rice and salt and put in the mixing machine where they are thoroughly mixed. One tub of the rice-salt mixture was put in the mixing bowl with two tubs of

steamed soybeans. The mixing bowl is an invention of the owner of the factory and saves the labor of two men. After mixing the mixture is taken to the curing room, dumped into a large curing vat and thoroughly stamped down by a man with heavy rice straw shoes.

Good pictures were taken of the steamed beans which completes our series of pictures of the manufacture of miso.

In evening wrote up notes on soybean seed and adzuki bean products.

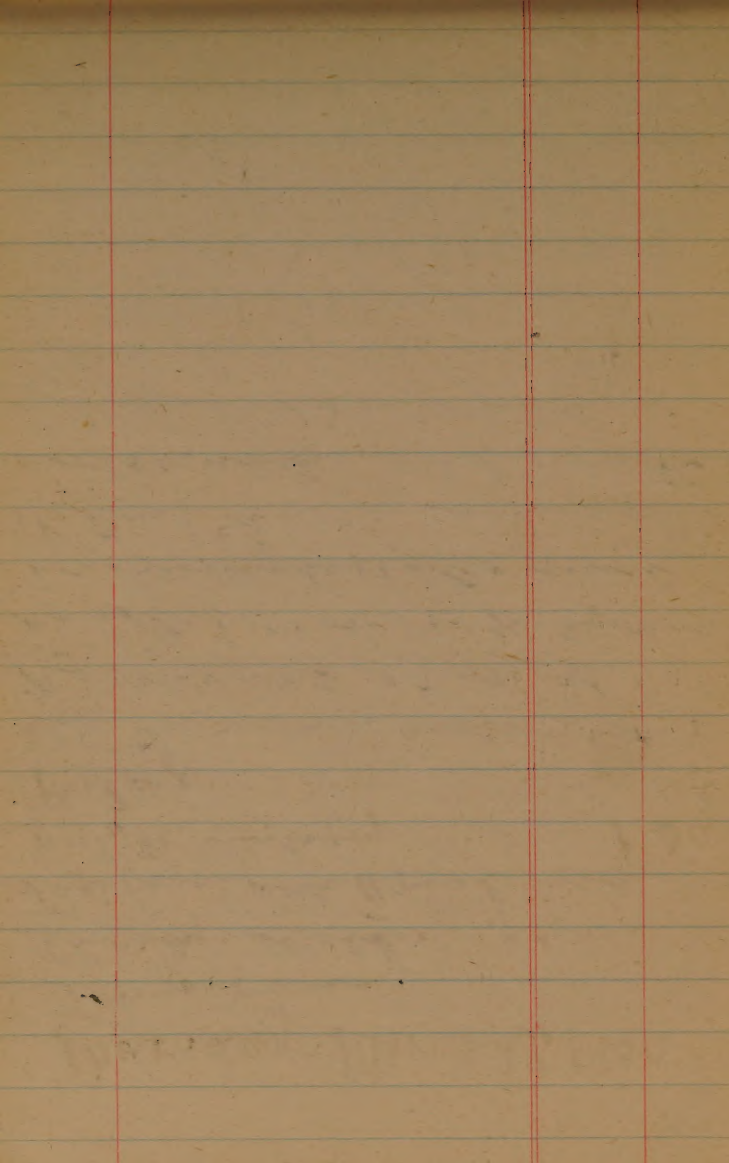
Met E.V. Wilcox at hotel on his way to America.

Wednesday. March 26, 1930
Tokyo, Japan.

Mild and clear. Met
Mr. and Mrs. E. V. Wilcox
in the lobby. Mr. Wilcox
told about his trips in
Siam and Manchuria,
after breakfast went to
the office and helped pack
up parcels for shipment
to the U.S.

Day off work

10



Thursday - March 27, 1930

Tokyo. Japan.

Cloudy - Mild.

Taxi fare - with 11 parcel

post to Embassy

1 00

Postage

46

In the morning went to the office, and took the parcels (11) over to the Embassy for the diplomatic pouch. Parcel No. 192 contained notes, maps, and Bulletins of Agriculture in Japan.

Paid Sugitake 60 00 on March salary.

Trunks and boxes were shipped from the office to Yokohama from whence they are shipped by boat to Sairen, one box

containing doll set, and
other personal effects - Box
No. 7.

The room was cleared of
everything, all benches
being taken down and also
the dark room

Friday - March. 28. 1930.
Tokyo. Japan.

Raining and mild in the morning. After breakfast finished packing up and then went up to the Ginza for some last minute shopping. Had lunch and then came back to the hotel.

Found that we had to have our passports vised by the Chinese Embassy. Having special passports (Diplomatic) we had to have letters from the American Embassy.

We had a farewell supper with Mr. Akizawa Sumiko. Toyoko. Koko.

Mr. Miyatake, Miss Tsuruta,
at the hotel.

We left about 8.45 P.M.
for the Tokyo station where
the following friends were
to see us off.

Mr. Akiyama, Mr. Miyatake,
Toyoko, Sumiko, Koko,
Miss Tsuruta, Mr. Kawasaki,
Mr. Yano, Mr. Okami, Mr.
Ikeda, Mr. Kurihara.

Taxi fare hotel to Sta. 90

Train left Tokyo
station 9.25 P.M.

R.R. fare (2nd C) Tokyo Sta.

Tokyo to Samunoya
Sta. Kobe 12

(2nd C)
Express ticket, Te Sta. Tokyo
to Samunoya Sta. Tokyo 2 00

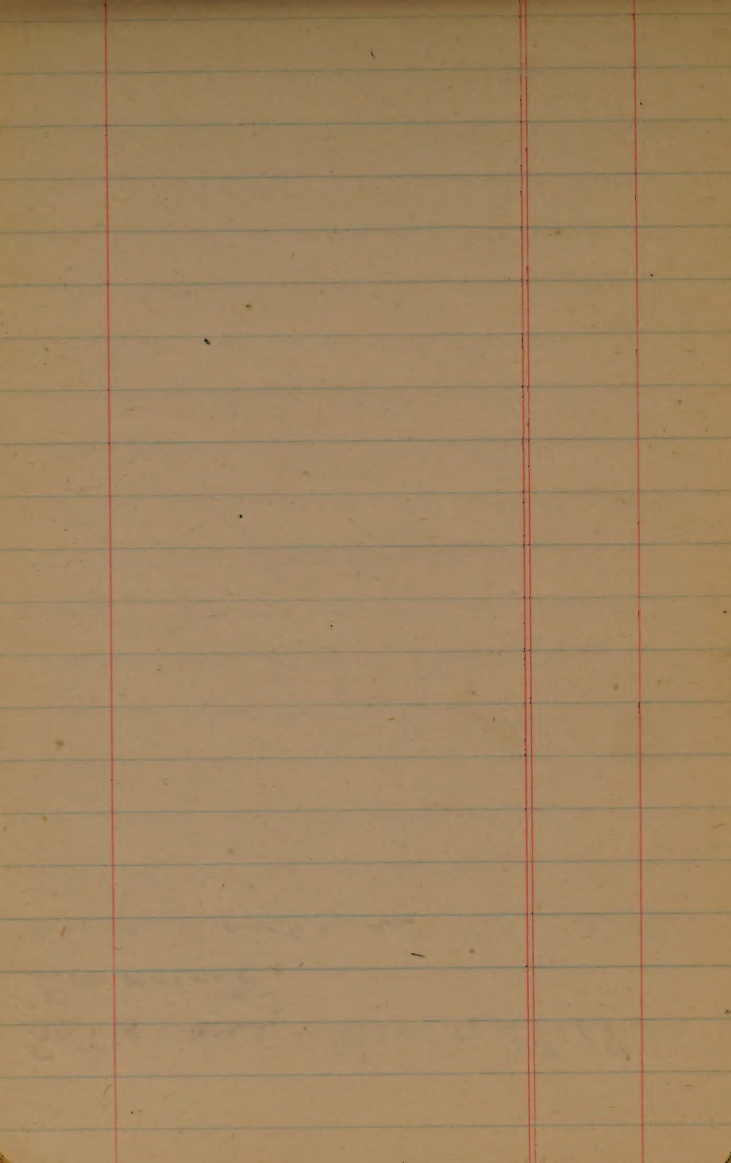
Lower berth (2) Tokyo Sta.
Tokyo to Samunoya
Sta. Tokyo 4 50

Steamer fare ()

65

1st C) Kobe, Japan to

Dairen, Manchuria



Saturday - March 29, 1930.
En route.

Arrived Kobe at 9.44 A.M.

Mild and clear.

Arrived at the Samunomiya
Sta.

Taxi-Samunomiya Sta. to Wharf 1.00

Went on board the ship.

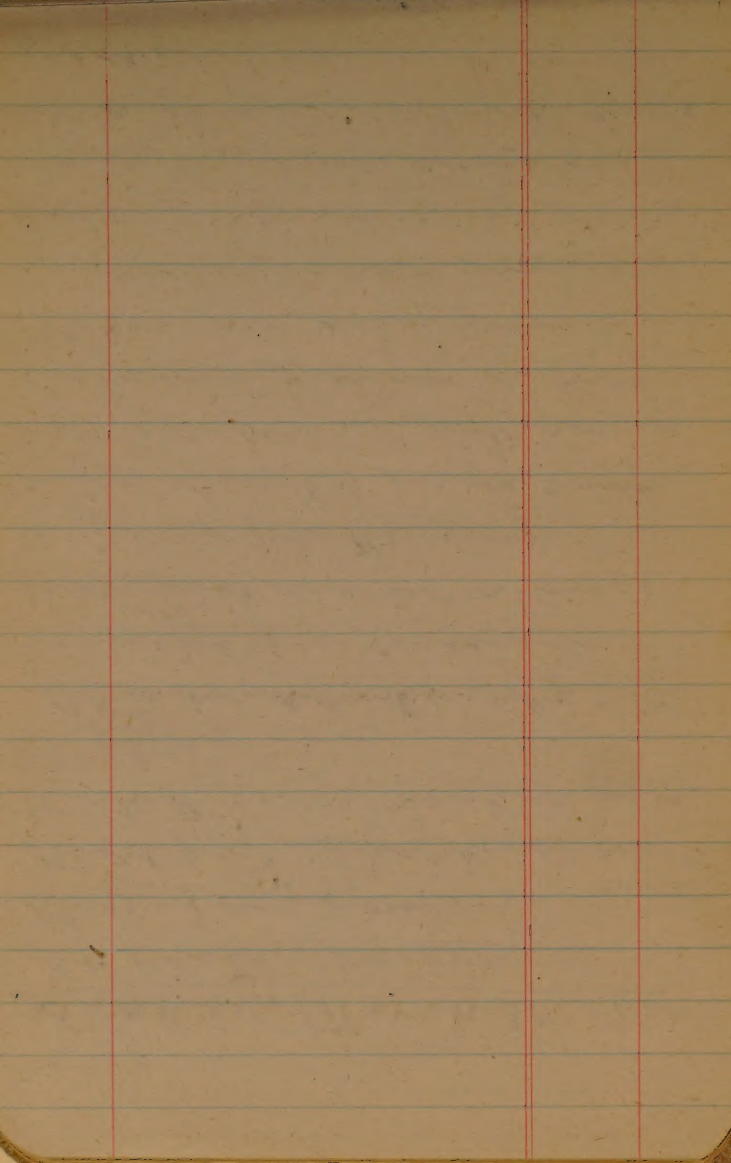
Uta 1 Mats which left at
12 Noon for Dairen.

The views of the inland
sea were very beautiful.

Numerous islands dotted
the sea here and there.

During the afternoon
and evening worked on
some Saybran notes on
the Saybran in Manchuria.

Also the evening also
worked on notes.



Sunday, March 30, 1930.

En route - Dairen.

Moji - Four hours.

Mild and clear. Arose about 6 o'clock and found we were at Moji.

After breakfast and a bath we went in a launch to Moji and visited some of the places on the mountain sides where the single pink cherries were in full bloom. Patches of cherries in full bloom were noted about the hillsides and mountain sides, and along the shore lines of the Kyushu Island and the main island. Large patches of cherry trees were noted throughout.

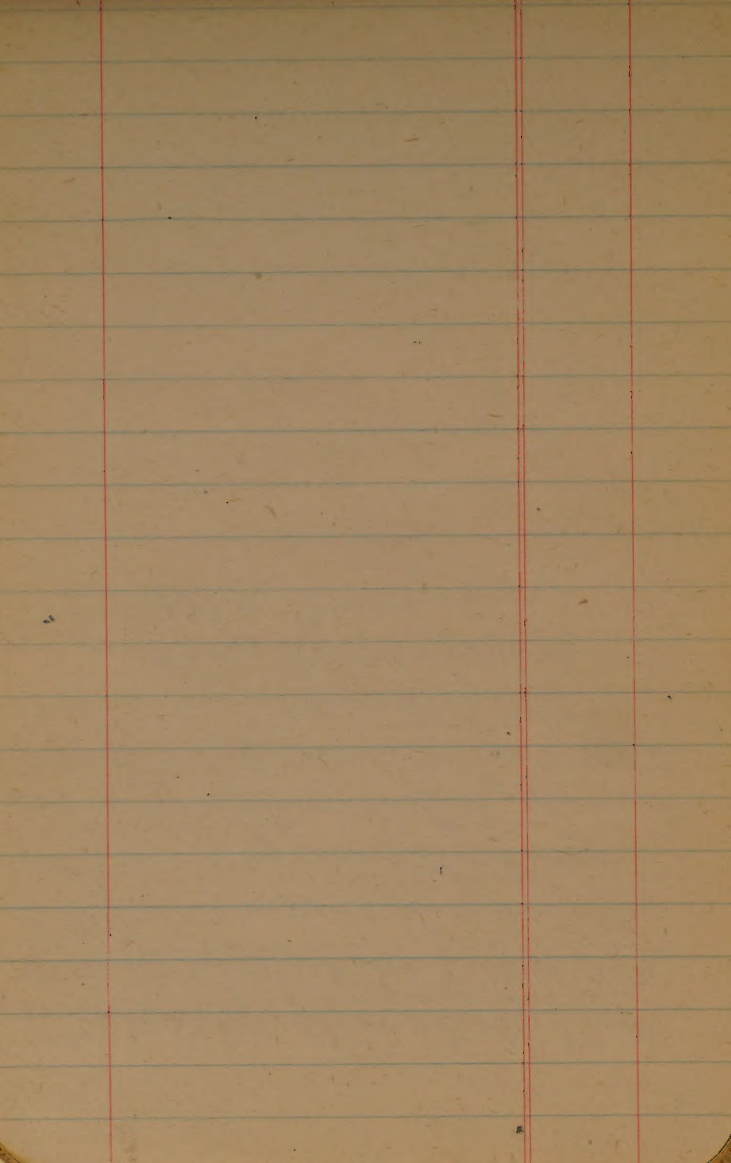
Shimonoseki which is directly across from Moji.

Moji is a small place but had many interesting streets. At one cake shop, we noted some adzuki bean cakes not seen in Tokyo. These were in the forms of apples, oranges, peach flowers, and some other kinds of flowers. Beautifully colored.

Many bananas from Taiwan (Formosa) and navel oranges from Southern Japan were noted at fruitstands and were also for sale by street vendors. Navel oranges were introduced from the United States.

Letters were written home and to Mr. Donovan re the Manchurian massi-

Miss Mifflin's bowl



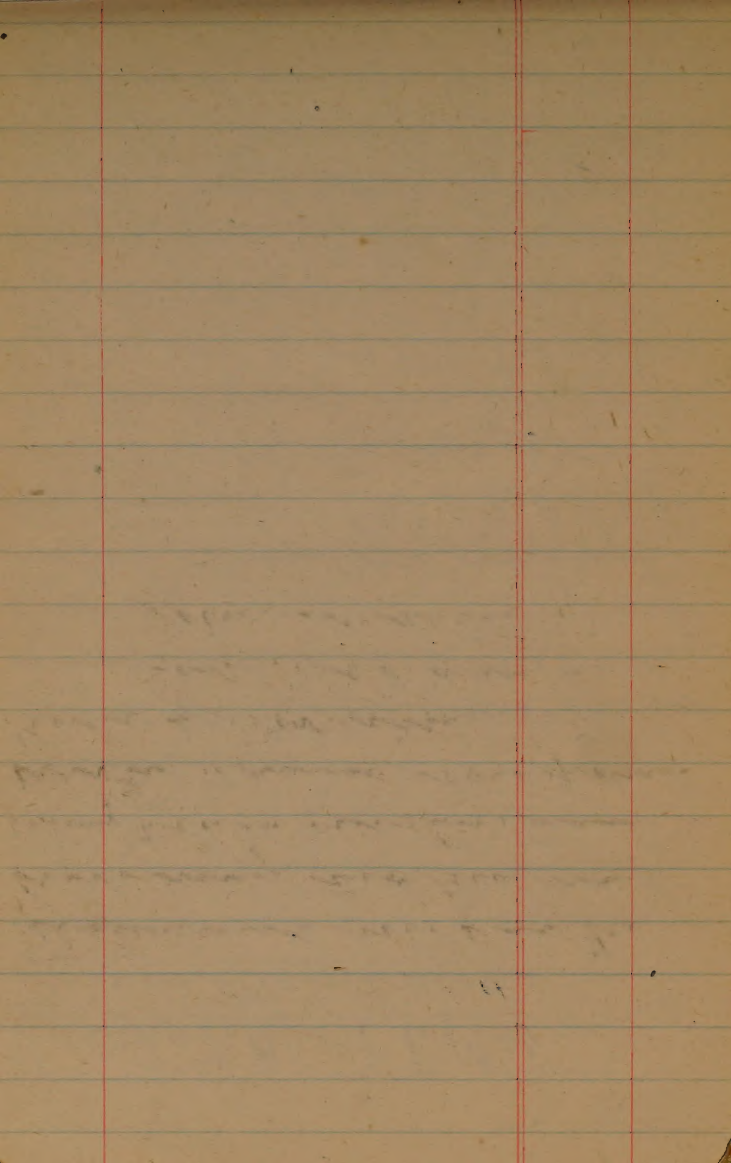
Monday, March 31, 1930.

En Route - On The Yellow Sea.

Bleak and cool. In the morning worked on my own notes, and wrote official correspondence, wrote Dr. Horvath.

Prof. Hacklinum.

Mr. Goravan.



Tuesday, April 1, 1930.

Dairen, Manchuria.

Awoke early by the
bells boy. Had breakfast
about 7.30 A.M. Customs
officers came aboard and
examined passports.

Landed at 8. A.M. and
went direct to the Yamato
Hotel where we engaged
room (double) at 6.50 ¥.

After registering went
to the American Consulate
where we met Mr. Longdon
the American Consul.

Registered at the Consulate
and then had lunch
at the Yamato Tea Grill.

After lunch Dorsett
and I went to the

Smith Manchurian Ry
offices was found them
closed because of the
23rd anniversary of the
founding of the Railway.
We then went to the
National City of New York
and arranged about
our checking account.

Afterwards went to
the shopping districts
Found many Chinese
stores and many Chinese
products.

About 6 P.M. Prof.
Matsumura, Chief of
the Agr. Dept. of the Manchurian
Railway called me on
the phone. He came to
the hotel and took
us for dinner at the

Hotel. We then sat
and talked about the
soybean situation in
Manchuria. There are
about 80 soybean oil
mills in Dairen. More
beans are shipped from
Manchuria to European
countries than bean
cake. Denmark, Holland,
Germany and England
are heavy importers
of soybeans with Germany
leading. The post war
American cottonseed was
very cheap which had
a depressing effect on
bean cake prices. The
Danish people used the
cheaper cottonseed cake.

The S. M. railway has
three large soybean
seed farms along its
trays. As Kungchuling
soybean breeding is
carried on most extensively.
Prof. Matsumura advised
the Central Laboratory has
patented a process for
making soy sauce from
soybean cake.

Cabin boy	5	00
Table steward	5	00
Booth boy	2	00

Cool and clear.

Wednesday-April 2, 1930.

Tairen-Manchuria.

Cold and clear. In the morning went to the ~~St.~~ M. Ry. where we met Prof. Matsushima, Chief of the Agr. Department. Prof. Matsushima went over the agricultural situation, especially the soy beans rather thoroughly with us.

The past year has been a very peculiar one. Usually the beans leave the farmers' hands in October and December but the ~~past~~ year, the prices kept the beans in the hands of the farmers where they

are at the present time.
The beans are expected to
come out during the
months of April and May.
About 30 soybean oil
mills are operating in
Sairen at the present
time. There is only one
solvent process mill-
which uses benzine as a
fat solvent. The other
mills use the screw ~~and~~
the hydraulic presses,
with the latter predominat-
ing.

The S. M. Railway station
operates its main soybean
station at Kungchuling.
Two seed farms are also
used for growing soybean
seed at

We were given several
bulletins on soybeans
published by the S. M. Ry.
office.

After lunch we were
taken to the Natural
History Museum where
we were shown the ag-
products of Manchuria.
One room was devoted
to varieties of soybeans
and soybean products.
Several hundred samples
collected at shipping
points and from the
Kiangchunling Exper. Sta.
The various products
made from soybean
oil were shown.

In another room we

shown, fruits, in another
medicinal plants, and
in another vegetables.

In a large room were
shown the forest products
and in another the fish
peculiar to Manchurian
rivers and the Yellow
sea.

Among the medicinal
plants were shown
Kudzu and licorice
root. The latter is brought
from Mongolia and
about 6,000,000 lbs are
imported annually by
Japan. Prof. Matsushima
advised that 90% of this
was used by sugarcane
factories in Japan. It
is used to give the

pertaining to Soy Sauce.
Some manufacturers are
said to use succahine.

The methods of planting
and cultivating soybeans
are said to be quite
different between north
and south Manchuria.

There was an excellent
display of sorghum types.
There are said to be about
600 varieties of this crop
grown throughout Manchuria.
It is used to a very
considerable extent in
the manufacture of a
high grade alcohol which
after a few days is said
not to give off the char-
acteristic odor of alcohol.

Starch is also manufactured and is said to be of a superior quality to that of corn and potato starches. Sorghum starch does not take up moisture as readily as the other starches and is considered a superior starch for laundering clothes. The sorghum seed is also hulled and used very extensively as a porridge. It is used much in Korea and Manchuria as a food. The sorghum stalks are treated and several chemical substances such as Calcium fluoride, CaF_2 , much the same as from corn stalks are

obtained.

Willet is also very extensively grown in Manchuria, especially as a human food. Heads of some very interesting varieties were on display. There are said to be about 300 varieties of willets grown throughout Manchuria.

After our visit through the museum we looked for office space. There seemed to be plenty of vacant rooms in the buildings about town and several buildings appeared vacant. The prices ranged

from 3½ to 6 yen per
tento (6 sq. feet).

After looking at rooms
we visited two of Dai-ni's
markets. In the vegetable
stands, soy bean sprouts
were noted, being about
3 inches long. In one
case the beans had just
started sprouting. Many
bean sprouts were also
found at nearly all the
vegetable stands.

at many stands yuba
in rolls and in sheets
were noted.

Fresh and fried bean
curd were also found.
Yellow and black soy beans
as well as adzuki and
mame beans (dried) were

noted at the grocery stand.
The following vegetables were
noted.

Saikou - native Manchurian
and white Japanese.

Fily bulbs.

Randock root.

Carrots

Chunins - green - large & small

Chunin - bulbs.

Garlic

Spinach -

Forced celery.

Taro

Lotus root.

Bamboo shoots - large
and small.

Ginger root

Butter bar

Cucumbers.

Radishes - small red.
Cabbage - 16c
- Peas
Mushrooms - dry.
Water chestnut
Apples - many varieties
Oranges -
Watermelon
Loganberries

April 21, 1930
Produce & Currency

BEANS FURTHER IMPROVE

Beans rose further by a margin of 4-6 sen over yesterday through bullish sentiment. Cake, too, was inclined upwards. Oil kept practically unchanged.

35 mills kept operating, producing 101,000 pieces of Cake.

Postage

40

Thursday - April 3, 1930.

Dairen - Manchuria.

Cool and clear. In the morning finished itinerary for March expense account. Also worked on March expense account.

After lunch visited the north market. Also visited the north park which is on a hill which overlooks the harbor and city. Some animals and birds are kept in this park. The shrubbery is not very abundant. There is a fairly good sized grove of cherry trees.

In afternoon finished my expense account for

The Month of March, ready
to be typewritten.

Our interpreter advised
that it would be best for
us to register with the
police.

Dairen-Manchuria

Soybeans.

PRODUCE

March 31st, 1930

Spot Deals

		Opening	Closing
BEANS	(Business : 40 carloads)		
Silver Yen	.....	6.95	6.94
BEAN CAKE	(Business : 45,000 pieces)		
Silver Yen	.....	2.310	2.305
BEAN OIL	(Business : 4,300 cases)		
Silver Yen	.....	19.80	19.80

Future Deals

BEANS	(Business : 218 carloads)		
Apr.	delivery	6.99	6.98
May	"	7.10	7.07
Jun.	"	7.11	7.08
July	"	7.15	7.14
BEAN CAKE	(Business : 51,000 pieces)		
Apr.	14 delivery	2.310	2.305
May	14 "	2.315	2.305
Jun.	14 "	2.310	2.305
July	14 "	2.310	2.310
BEAN OIL	(Business : 4,000 cases)		
Apr.	14 delivery		
May	14 "	19.85	19.75
Jun.	14 "	19.85	19.75
July	14 "		

PRODUCE

April 1st, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 50 carloads)		
Silver Yen	7.00	7.05
BEAN CAKE (Business : 35,000 pieces)		
Silver Yen	2.305	2.320

Future Deals

BEANS (Business : 116 carloads)		
Apr. delivery	7.04	7.08
May "	7.13	7.15
Jun. "	7.16	7.17
July "	7.16	7.20
Aug. "	7.23	7.24
BEAN CAKE (Business : 28,000 pieces)		
Apr. 14 delivery ...	2.320	2.320
May 14 " ...	2.320	2.320
Jun. 14 " ...	2.320	2.320
July 14 " ...	2.320	2.320
BEAN OIL (Business : 5,000 cases)		
Apr. 14 delivery ...		
May 14 " ...	19.80	19.80
Jun. 14 " ...	19.80	19.85
July 14 " ...		

CURRENCIES

PRODUCE

April 2nd, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 60 carloads)		
Silver Yen	7.01	7.05
BEAN CAKE (Business : 34,000 pieces)		
Silver Yen	2.310	2.320
BEAN OIL (Business : 500 cases)		
Silver Yen	19.60	19.60

Future Deals

BEANS (Business : 228 carloads)		
Apr. delivery	7.04	7.08
May "	7.12	7.16
Jun. "	7.14	7.19
July "	7.18	7.18
Aug. "	7.22	7.24
BEAN CAKE (Business : 37,000 pieces)		
Apr. 14 delivery ...	2.315	2.315
May 14 " ...	2.310	2.320
Jun. 14 " ...	2.315	2.320
July 14 " ...	2.320	2.320
BEAN OIL (Business : 5,000 cases)		
Apr. 14 delivery ...	19.60	19.60
May 14 " ...	19.65	19.75
Jun. 14 " ...		
July 14 " ...	19.65	19.65

CURRENCIES

Spot Deals

Hig...

ilver to...

OCEANIC & ORIENTAL NAVIGATION CO. TACOMA ORIENTAL STEAMSHIP CO. STATES STEAMSHIP CO.

JOINT SCHEDULE

FAST FREIGHT SERVICE

**TO SAN FRANCISCO, LOS ANGELES, PORTLAND, SEATTLE,
TACOMA, VANCOUVER B.C.**

DUE DAIREN

DESTINATION

S.S. "WISCONSIN"	April 2nd	San Francisco & Portland.
S.S. "SHELTON"	April 11th	San Francisco, Seattle, Tacoma, & Vancouver.
S.S. "GOLDEN HORN"	April 19th	San Francisco & Los Angeles.

DEEP TANKS FOR VEGETABLE OIL

**THROUGH B/L ISSUED TO ALL UNITED STATES AND
CANADIAN COMMON OVERLAND POINTS AND TO GULF
AND ATLANTIC COAST PORTS WITH PROMPT TRANSIP
MENT AT SAN FRANCISCO TO EXPRESS STEAMERS VIA
PANAMA CANAL.**

STATES STEAMSHIP COMPANY

General Oriental Agents

C. ILLIES & CO., Agents.

212 Yamagata-dori, DAIREN

TEL. 3568

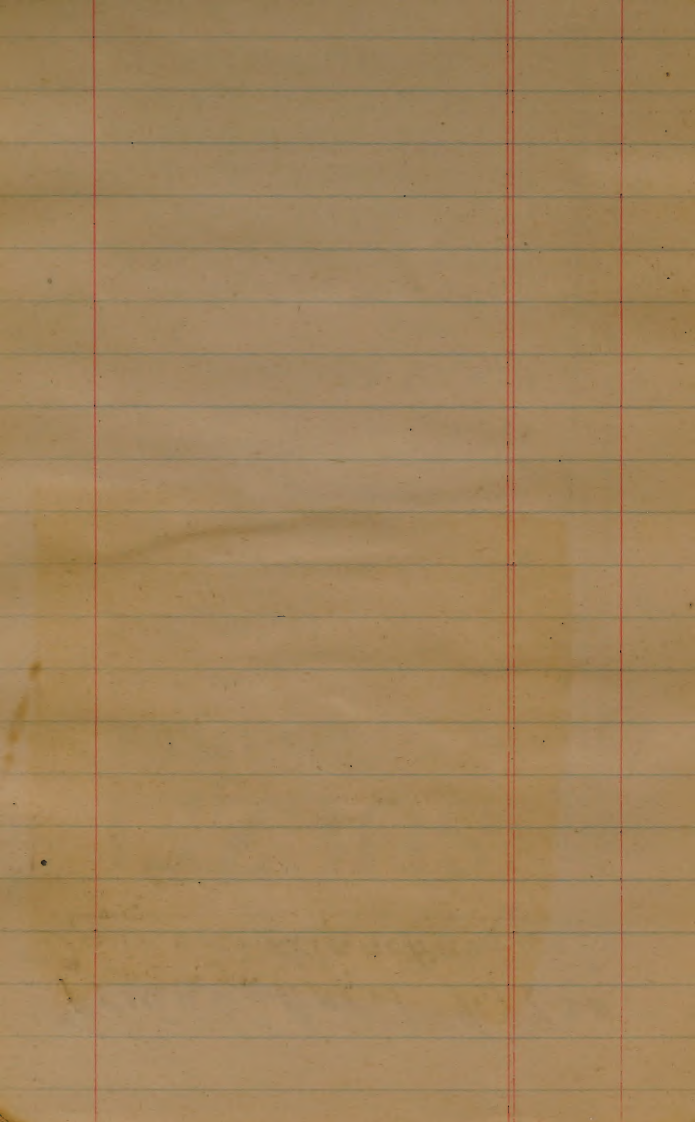
March 31, 1930
Produce & Currency

PRODUCE LIFELESS

Beans remained almost the same as last Saturday in the absence of any bullish inducement. Cake also stood unchanged.

Oil alone dropped by 15 sen or so.

80,000 pieces of Cake were put out to-day from 85 mills kept operating locally to-day.



Friday - April 4, 1930.
Dairen-Manchuria

PRODUCE

April 4th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 300 carloads)		
Silver Yen	7.10	7.14
BEAN CAKE (Business : 37,000 pieces)		
Silver Yen	2.340	2.345
BEAN OIL (Business : 13,000 cases)		
Silver Yen	19.90	19.90

Future Deals

BEANS (Business : 543 carloads)		
Apr. delivery	7.17	7.15
May "	7.22	7.22
Jun. "	7.28	7.25
July "	7.27	7.26
Aug. "	7.34	7.33
BEAN CAKE (Business : 96,000 pieces)		
Apr. 14 delivery ...	2.345	2.345
May 14 " ...	2.345	2.345
Jun. 14 " ...	2.340	2.350
July 14 " ...	2.340	2.345
BEAN OIL (Business : 4,000 cases)		
Apr. 14 delivery ...	19.95	19.95
May 14 " ...	19.95	19.95
Jun. 14 " ...	19.85	19.95
July 14 " ...	20.00	20.00

CURRENCIES

Cool and clear. In the morning worked on the Mich. Spine account.

After lunch looked at rooms for an office and found a suitable one in the Gohin Bldg. This room of 14 tatami mats at 50 yen, including, heat, water, and gas. It is on the 3rd floor and only about 3 minutes walk from the hotel.

Called up Prof. Matsushima and made arrangements to have a conference with him tomorrow morning.

Had letters from Holly.

S.S. AUTOLYCUS

Sa
De
The British s.s. Autolycus, 7,717 tons gross, Capt. T. B. Nelson, of Messrs. Alfred Holt & Co., put in port early this morning from Liverpool via Shanghai and will sail for London & Hamburg on the 8th inst., taking 980 tons Bean Oil.

S.S. LUCHOW

The British s.s. Luchow, 2,000 tons gross, Capt. Layton, of the C.N. Co., entered port from Newchwang to land 3,000 piculs general cargo and was to leave here for Shanghai to-day, with 46 carloads Beans.

BEANS TAKE A JUMP

Through active demand by Japanese operators and by the relapse of local Silver tone, Beans registered a rise by 5-6 sen. Cake also went up by 3.5 sen or so, and Oil by 35 sen.

34 mills kept operating, producing 86,000 pieces of Cake.

Visited the Military police
and the city police stations
to register and see about
permits for taking photo-
graphs. About the city and
if not taking landscape
views taking in the interior,
no permit is needed.
However, the operator of a
movie camera has to have
a permit (to which photo
is attached) and must
be accompanied by a
member of the military
police.

Saturday - April 5th, 1930.

Dairen - Manchuria.

~~Time of planting soybeans~~
Mr. S. Hishida.

S. M. Ry. Secretary.

In the morning shortly after 9 called on Professor Matsushima with regard to soybean work. He called in Mr. Satoh who is in charge of the soybean work of the S. M. Ry. Co. and is author of two books on soybeans, copies of which Mr. Satoh presented to me with his compliments. The soybean work or investigation was then outlined for several days by Mr. Satoh and Prof. Matsushima.

Monday - Central Laboratory
9. A. M. at cent. Lab.

Tuesday - Dairen Wharf.
9. A. M. at Prof. Matsushima's Office

Wednesday - Uil Mills.
9. A. M. at Prof. Matsushima's Office

Thursday - S

9. A. M. at Prof. Matsushima's Office
at Kungchuling station they
are taking out more than
2000 varieties of soybeans.
Seed of these varieties will
be used for and as many
as possible given in this
spring.

The dates of planting
of soybeans along the
line of the Southern Man.
Ry. are as follows.
Chang-chung - 4/25 - 5/10
Kungchuling - 4/25 - 5/10 - Ex. Sta

The American s.s. Wisconsin, 6,076 tons gross, Capt. E. Patterson, of the States Steamship Co., put in port this morning from Taku to land 200 tons American pine, and will load 1,380 tons Bean Meal, sailing for Portland on the 7th inst.

Wisconsin, Illies, on Apr. 5 from Taku, to load 850 tons Bean Meal for San Francisco.

Lima, N.Y.K., on 5th from Kobe, to take in 600 tons Beans for Tsingtao.

VESSELS DUE

Yechigo, O.S.K., on 6th from Yingkou, to ship a full cargo of B. Cake for Formosa.

Borneo, O.S.K., on 5th from Kobe with 1,500 tons general cargo, to take in 6,500 Produce for Yokohama.

Ichang, Butterfield-Swire, on 6th from Newchwang with 8,000 piculs general cargo & 880 barrels benzene, to sail for Shanghai.

Kaiju, Tanaka, on 5th from Lungkou, to ship 15,000 sacks flour for Antung.

Afrika, East Asiatics, on 6th from Vladivostok, to load 3,000 tons Beans & 150 tons peanuts for Copenhagen.

Kainei, N.Y.K., on 6th from Chefoo, to sail for Chemulpo via Tsingtao.

Hua Shan, O.S.K., on 6th from Tientsin, to take in 1,000 tons Produce for Shanghai via Tsingtao.

Kyodo No. 21, A.K.K.K., on 6th from Tsingtao with 150 tons general cargo, to load 300 tons sundries therefor.

Java, Goto, on 6th from Osaka, to ship a full cargo of Produce for Ise Bay via Kagoshima.

Saitsu, D.K.K., on 6th from Tientsin with 400 tons sundries, to take in 300 tons sundries therefor.

Gelnbeg, Cornabe-Eckford-Winning, on 6th from Yokohama with 280 tons iron plates, to load 600 tons Bean Oil in bulk for Port Said.

Baikal, O.S.K., on 7th from Moji with a full list of passengers & general cargo, to ship Bean Cake & cereals for Kobe & Osaka.

Melbourne, O.S.K., on 7th from Moji with 1,500 tons general cargo, to take in 6,500 tons Produce for Yokohama.

Newchwang, Butterfield-Swire, on 6th from Newchwang, to ship 2,000 tons Beans for Amoy.

Bujun, D.K.K., on 6th from Osaka, to load a full cargo of Coal for Kobe & Osaka via Kure.

Sauerland, Illies, on 6th from Taku with 700 tons general cargo & 760 tons iron materials, to take in 4,000 tons Beans, 700 tons peanuts, & 450 tons B. Oil in bulk for Weihaiwei.

Yasukuni, Kokusai, on 7th from Pulantien, to ship 2,500 tons Produce for Aomori & Hakodate.

Kyodo No. 26, A.K.K.K., on 7th from Chefoo with 200 tons general cargo, to load 500 tons Coal & sundries for Chemulpo.

Hoten, D.K.K., on 7th from Shanghai via Tsingtao with 1,500 tons general cargo, to take in 1,500 tons sundries therefor.

Chenan, Butterfield-Swire, on 7th from Newchwang with 3,800 piculs general cargo, to sail for Canton.

Tob, N.Y.K., on 7th from Shanghai, to ship 700 tons Bean Oil in bulk for New York.

MARKET PRICES

April 5th, 1930

120 momme is equivalent to 1 lb.

Vegetables

	¥	momme
Cabbage	0.05	per 100
Paitsai	0.02	"
Onions	0.03	"
Green Onions (Chinese)	0.03	"
Sweet potatoes	0.03	"
Tarrow	0.06	"
Carrots	0.03	"
Burdocks	0.06	"
Potatoes	0.03	"
Ginger	0.08	"
Horse radish	0.90	"
Lily root	0.25	"
Cucumber	0.16-0.10	(1 piece)

Games & Meats

	¥	momme
Chicken	0.86-0.70	per 100
Beef	0.52-0.32	"
Pork	0.40-0.32	"

Fruits

	¥	momme
Sweet orange		
,, (Japanese)	0.15	per 100
,, (Shanghai)	0.18	"
Apples	0.11	"
Pear (Japanese)		"
,, (Chinese) ...		"
Naple	0.16	"
Tomato		"
Panana	0.15-0.10	"
Egg	0.28	(10 pieces)

Fish

	¥	momme
Tai	1.00-0.35	per 100
Tunny	0.75-0.40	"
Flounder	0.15-0.08	"
Eel	1.20	"
Sea-eel	0.25-0.15	"
Loach	0.30	"
Ear-shell	0.05-0.07	"
Cybrum	0.75-0.30	"
Mackerel	0.20-0.15	"
Prown	0.80-0.50	"
Octopus	0.25-0.16	"
Oyster	0.13-0.10	"
Sea-slag	0.10-0.07	"
Cattle fish	0.45-0.20	"
Guarnard	0.10-0.08	"
Sardine	0.10	"
Clam		"

Dates of Planting Soybeans

Suxing Kai - 4/25 - 5/10
Kaiyuan - 5/5 - 5/10 - Ex. Farm
Teikling - 5/5 - 5/10 - Ex. Farm
Ziayang - 5/15 - 5/20 - Ex. Farm
Shunyen cheng - 5/15 - 5/20 - Ex. Farm
Ching chow - 5/1 - 5/10 - Ex. Farm

List of Experiment Stations

and Experiment Farms of
South Manchurian Ry.

Kungchuling - Exper. Sta.

Agromony - Soybean breeding
(more than 2000 varieties);
stock-breeding, chemistry.

Shunyen cheng - Exper. Sta.

Horticulture, water rice
culture, cotton, nursery.

Ta-tsu - Exper. Farm.

Soybean seed Farm.

Kaiyuan - Exper. Farm.

Soybean breeding.

Teiling - Exper. Farm.

Soybean Breeding.

Fushan - Exper. Farm.

Water Rice Breeding.

Zia yang - Exper. Farm.

Cotton Breeding.

Fun Fom-Cheng - Exper. Farm.

Tobacco Breeding.

Ching Chou - Exper. Sta.

Cotton Breeding.

Our study on sun
work has started in
Milano in the rice
fields. Prof Matsushima
also advised that Fin-
land also had started
work and that Soviet
Russia was doing very

considerable work toward
getting the soybean estab-
lished in that country.

In Dairen there is
a Soybean Oil Mill
Association which consists
of from 50-60 members.
There is also a Soybean
Trading Corporation
consisting of 30-40 members.

The farmers along the
S. M. Ry. lines are all
Chinese. The Japanese
farmers are mostly in
the southern part and
are fruit farmers.

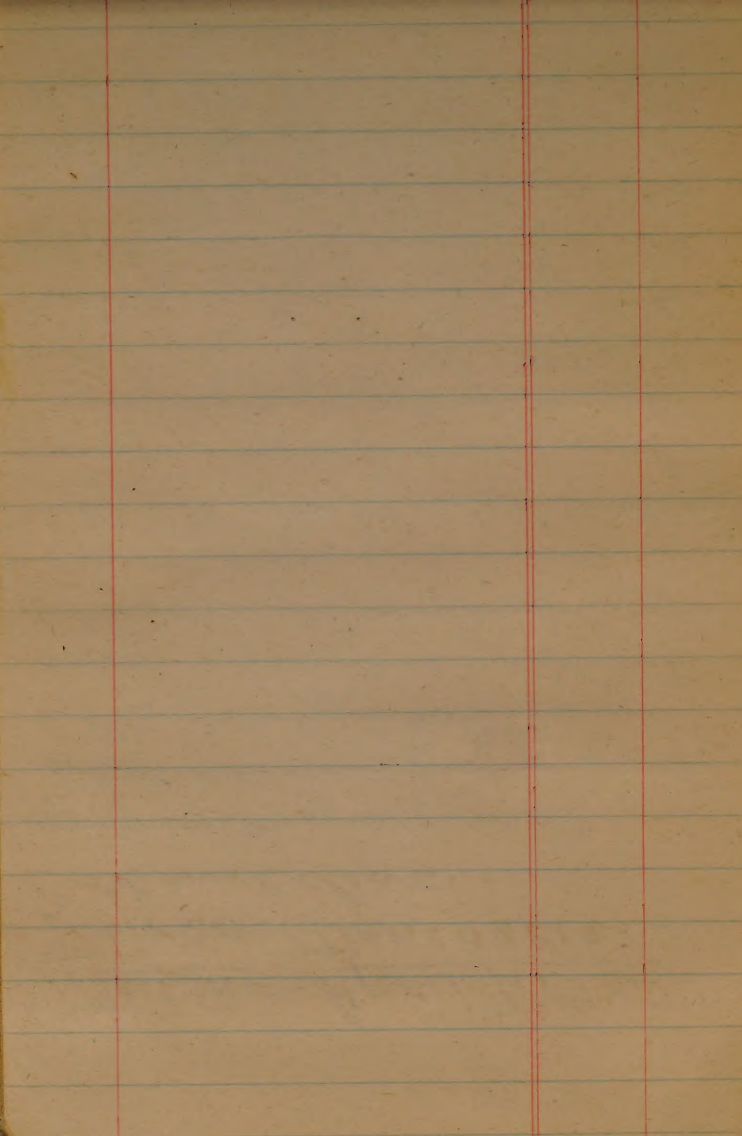
Sunday - April 6, 1930.

Dairen-Manchuria

Cool and clear.

Went to office in the morning and worked on fixing up dark room and shelves with Dorsett and Snyetake.

In evening worked on Manchurian say-bear notes and also worked on Manch. Express account.



Central Laboratory consists
of a large building with
many wings and a few
other small buildings.

At the Laboratory I
first met Dr. Kato whom
I met in Washington,
March, 1928. He has
studied in Germany,
taking up a bread making
course and chemical
work. I also met Mr.
Sato who is doing
work on the soybean,
and has written a book
in Japanese on the soybean.

PRODUCE

April 7th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 170 carloads)		
Silver Yen	7.22	7.18
BEAN CAKE (Business : 50,000 pieces)		
Silver Yen	2.365	2.355
BEAN OIL (Business : 4,000 cases)		
Silver Yen	20.10	20.10

Future Deals

BEANS (Business : 414 carloads)		
Apr. delivery	7.21	7.18
May "	7.27	7.25
Jun. "	7.31	7.31
July "	7.33	7.33
Aug. "	7.41	7.38
BEAN CAKE (Business : 225,000 pieces)		
Apr. 14 delivery ...	2.360	2.355
May 14 " ...	2.370	2.355
Jun. 14 " ...	2.360	2.360
July 14 " ...		
BEAN OIL (Business : 7,000 cases)		
Apr. 14 delivery ...	20.15	20.15
May 14 " ...	20.10	20.20
Jun. 14 " ...	20.20	20.15
July 14 " ...		

Beans Stronger

At the report of further ascent on Harbin market, Beans rose by 3-4 sen all-round with quite a large business put through. Cake, too, improved by 1.5 sen or so, and Oil by 20-25 sen.

93,000 pieces of Cake were put out to-day by 35 mills operating locally.

SHIPPING NEWS

M.S. SAUERLAND

The German m.s. Sauerland, 7,087 tons gross, Capt. H. Metzenthin, of the Hamburg-Amerika Linie, put in port on Saturday last from Hamburg via Taku, to land 780 tons general cargo and 680 tons iron materials, and will load 4,000 tons Beans, 700 tons peanuts & 450 tons Bean Oil in bulk for Hamburg via Weihaiwei.

M.S. AFRIKA

The Danish m.s. Afrika, 8,597 tons gross, Capt. E. Himmelstrup, put in port yesterday from Copenhagen via Vladivostok and was to sail from here for Copenhagen to-day, taking 3,000 tons peanuts and 30,000 pieces Bean Cake.

S.S. CHUSAN

The British s.s. Chusan, 1,885 tons gross, Capt. D. D. Richard, of Messrs. Butterfield & Swire, entered harbour from Newchwang, and will leave here for Swatow on the 8th, with 1,000 tons Beans & Bean Cake.

TO-DAY'S SCHEDULED ARRIVALS

Yechigo, O.S.K., on 7th from Yingkou, to ship a full cargo of B. Cake for Formosa.

Hua Shan, O.S.K., on 7th from Tientsin, to take in 1,000 tons Produce for Shanghai via Tsingtao.

Gelnbeg, Cornabe-Eckford-Winning, on 7th from Yokohama with 280 tons iron plates, to load 600 tons Bean Oil in bulk for Port Said.

Melbourne, O.S.K., on 7th from Moji with 1,500 tons general cargo, to take in 6,500 tons Produce for Yokohama.

Hoten, D.K.K., on 7th from Shanghai via Tsingtao with 1,500 tons general cargo, to take in 1,500 tons sundries therefor.

Kyodo No. 16, A.K.K.K., on 7th from Tsingtao with 100 tons general cargo, to load 200 tons sundries therefor.

Chozan, A.K.K.K., on 7th from Tientsin, to ship 200 tons sundries for Chinnampo.

Java, Goto, on 7th from Osaka, to ship a full cargo of Produce for Ise Bay via Kagoshima.

VESSELS DUE

- Chenan, Butterfield-Swire, on 8th from Newchwang with 3,800 piculs general cargo, to sail for Canton.
- Toba, N.Y.K., on 8th from Sanghai, to ship 700 tons Bean Oil in bulk for New York.
- Yeian, D.K.K., on 8th from Tientsin, to load 1,300 tons Bean Cake in bulk, 3,700 tons B. Cake, & 14 carloads Beans for Niigata via Fushiki.
- Gembu, N.Y.K., on 9th from Osaka with 600 tons general cargo, to sail for Newchwang via Tientsin.
- Terukuni, Tanaka, on 9th from Moji, to take in a full cargo of Produce for Moji & Ujina.
- Kanto, O.S.K., on 9th from Chemulpo with 500 tons general cargo, to ship 1,850 tons Produce for Keelung & Takao via Shanghai.
- Alaska, O.S.K., on 9th from Kobe, to take in 950 tons Bean Oil in bulk & 4,000 tons Produce for Europe.
- Osaka.
- Tomi, D.K.K., on 9th from Yokohama, to take in 5,500 tons Coal & 2,000 tons Produce therefor.
- Kairyu, D.K.K., on 9th from Yingkou, to take in 2,000 tons Beans for Kawasaki via Shimizu.
- America, O.S.K., on 10th from Moji with general cargo, to load Bean Cake & cereals for Kobe & Osaka.
- Awaji, N.Y.K., on 10th from Newchwang, to ship 300 tons Produce for Yokohama.
- Tjikembang, Cornabe Eckford Winning, on 10th from Chinwangtao with 100 drums alcohol, to sail for Java.
- Sakaki, D.K.K., on 10th from Shanghai via Tsingtao with 800 tons general cargo, to take in 800 tons sundries therefor.

Tuesday - April 8, 1930

Dairen - Manchuria

Bulls in Soybean trade

Warehouses - inside - storage of bags

Cars unloading at warehouse

Cars - bean cokes - in yard

Storage of beans inside

350 sacks to car

Beans cokes in warehouse

Bean cokes - carts from mills

Beans - coke - 27 kilos

Bean storage

4 warehouses - each holds 519

cars (350 sacks each)

In the morning went
to the office of Prof. Matsuo-
shima where I met Mr.
Satch and Mr. Li who
was to take us to the

Wharves of the Manchurian
Ry. Co. We went by auto to
the office of the Dairen Wharf
Master Mr. K. Akiyama
who explained about the
yards and the wharves.

As the produce comes in
from various sections of
Manchuria by railway,
the beans are stored in
certain warehouses devoted
only to beans, others to bean
cake or sorghum, millet
etc. The soybean oil has
a section of tanks.

We were taken to the
inspecting room where
soybeans were being graded.
One tenth of each sack of
beans, 1.8 lbs. was taken
for inspection & grading.
There are five graders &

soybeans namely,
Excellent, 1st, 2nd, 3rd and
4th. Some beans come in
in which are classified
better than excellent and
these are marked special
grade.

An examination of the
grades showed that the
test was not equal to
the 3rd or 4th grades in
Korea. All samples were
rather badly mixed and
contained more or less
colored beans. The highest
grade contained the
lowest per cent of colored
beans.

Samples of seed from

The various places where these beans come from are to be given us.

We then went to the storage yards where stacks of beans in burlap bags were stored in large quantities. In general these stacks were covered with canvas. In the large galvanizing iron storage houses, bags of beans were stored. Each bag weighs 180 lbs. In striking, the mouth of the sack is on the outside to facilitate the taking of samples and inspection of the sewing of the mouth of the bag.

Four large warehouses were filled with bags

of beans, each of these
contained 519 carloads
of beans, and each car
load contains 350 bags
of 180 lb. each. There is
room for outside storage
of beans of 330,000 tons
and including other
cereals, also coal, about
850,000 tons.

We were next taken to
the bean cake warehouses
which contained many
thousands of bean
cakes all of the round
type. Each cake is in-
spected as it comes in
the warehouse and must
weigh 27 kilos or it

is rejected and marked with 3 red lines. Cakes that have passed are marked with green or purple marks.

Many oil mills are located near the storage yards of the Ry. Co. There was a constant stream of wagons taking sacks of beans to the oil mills and a similar procession bringing bean cakes to the storage houses.

We were then taken to the wharves where boats were being loaded with beans and bean cake. At the time of our visit a large German boat was being loaded with

Leaves for Hamburg, Germany

After returning from
officers went to office
and then to consulate
to have Mch. expense
account sworn to.

Taxi to Dänish Wharf 1 00

Singetake 5 00

In evening worked on
notes. Wrote letter to
Dr. Picters requesting
bulletins, note books, etc.

PRODUCE QUIET

Tone was generally stationary, excepting Oil that moved up by 10-15 sen owing to bullish sentiment. Turnovers were normal.

31 mills kept operating, turning out 81,000 pieces of Cake to-day.

PRODUCE

April 8th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 110 carloads)		
Silver Yen	7.15	7.18
BEAN CAKE (Business : 38,000 pieces)		
Silver Yen	2.355	2.355
BEAN OIL (Business : 6,000 cases)		
Silver Yen	20.20	20.20

Future Deals

BEANS (Business : 161 carloads)		
Apr. delivery	7.19	7.18
May "	7.25	7.25
Jun. "	7.30	7.30
July "	7.34	7.33
Aug. "	7.38	7.38
BEAN CAKE (Business : 63,000 pieces)		
Apr. 14 delivery ...	2.360	2.360
May 14 " ...	2.355	2.260
Jun. 14 " ...	2.360	2.360
July 14 " ...	2.365	2.360
BEAN OIL (Business : 18,500 cases)		
Apr. 14 delivery ...	20.20	20.30
May 14 " ...	20.30	20.30
Jun. 14 " ...	20.20	20.30
July 14 " ...	20.35	20.30

Wednesday-April, 9, 1930.

Dairen-Manchuria.

Typewriter ribbon	1	50
Postage		54

Send Bill on refractometer
& on manufacture to Mr. J.
Furusawa. Nishiku Oil Mills.

SHIPPING NEWS

Produce Shipments from Dairen

The returns prepared by the Manchuria Staple Produce Dealers' Association put the total shipments of staple produce from Dairen during March last at 319,340 tons. Of this figure, Beans took up 117,505 tons and Cake 124,790 tons, being decreases by 9,464 tons and 14,918 tons respectively, as compared with the preceding month, while Oil was exported to the amount of 6,066 tons, an increase by 1,566 tons.

PRODUCE

April 9th. 1930

Spot Deals

	Opening	Closing
BEANS (Business : 50 carloads)		
Silver Yen	7.20	7.16
BEAN CAKE (Business : 20,000 pieces)		
Silver Yen	2.360	2.355
BEAN OIL (Business : 5,000 cases)		
Silver Yen	20.30	20.30

Future Deals

BEANS (Business : 231 carloads)		
Apr. delivery	7.20	7.16
May "	7.29	7.24
Jun. "	7.33	7.28
July "	7.37	7.31
Aug. "	7.40	7.39
BEAN CAKE (Business : 45,000 pieces)		
Apr. 14 delivery ...	2.365	2,355
May 14 " ...	2.355	2.250
Jun. 14 " ...	2.365	2.355
July 14 " ...	2.365	2.360
BEAN OIL (Business : 11,000 cases)		
Apr. 14 delivery ...	20.30	20,30
May 14 " ...	20.35	20.30
Jun. 14 " ...	20.35	20.30
July 14 " ...	20.35	20.30

CURRENCIES

Bean Shipment Contracts from Vladivostok

44,500 Tons for London

The O.S.K. London Branch cabled to the local Branch yesterday, saying that, while the Bean shipments from Dairen remained dull, contracts had been concluded for shipment of about 44,500 tons of April and May shipments from Vladivostok at 16-17s.

The same cable adds that the outlook on the freight market seemed firmer.

About 10 P.M. we went
to the Southern Main Ry
where we met Mr. Sato
who had arranged for
us to visit the Nisshin
Soybean Oil Mills.

We went to the office
of the Nisshin Oil Mills
where we met Mr.

Fernando, Manager of
the mill. He speaks ex-
cellent English and
inquired concerning the
sawbrow situation in
the U.S.

We were taken through
the mill by two of the
assistants. We first went
in the oil press room
and noted that the Chinese
coolies were naked. It is
said that they refuse to
wear any clothes while
working in the mill.
The coolies work in three
hour shifts.

The beans are first
coarsely cracked and
then run through rollers
making them in flakes.
The flakes are then

put in steam baths
for one-half a minute.
They are then put in
round forms with grease
placed on bottom and
top. They are then placed
in the press, under
hydraulic pressure for
3 hours.

Fifty-seven kind of flakes
are placed in each form
so that a cake of 47
kind is made in order
to pass inspection.

The Nisshin refines
the oil as a table or salad
oil, and also a grade
is used for frying oil.
The oil is refined by

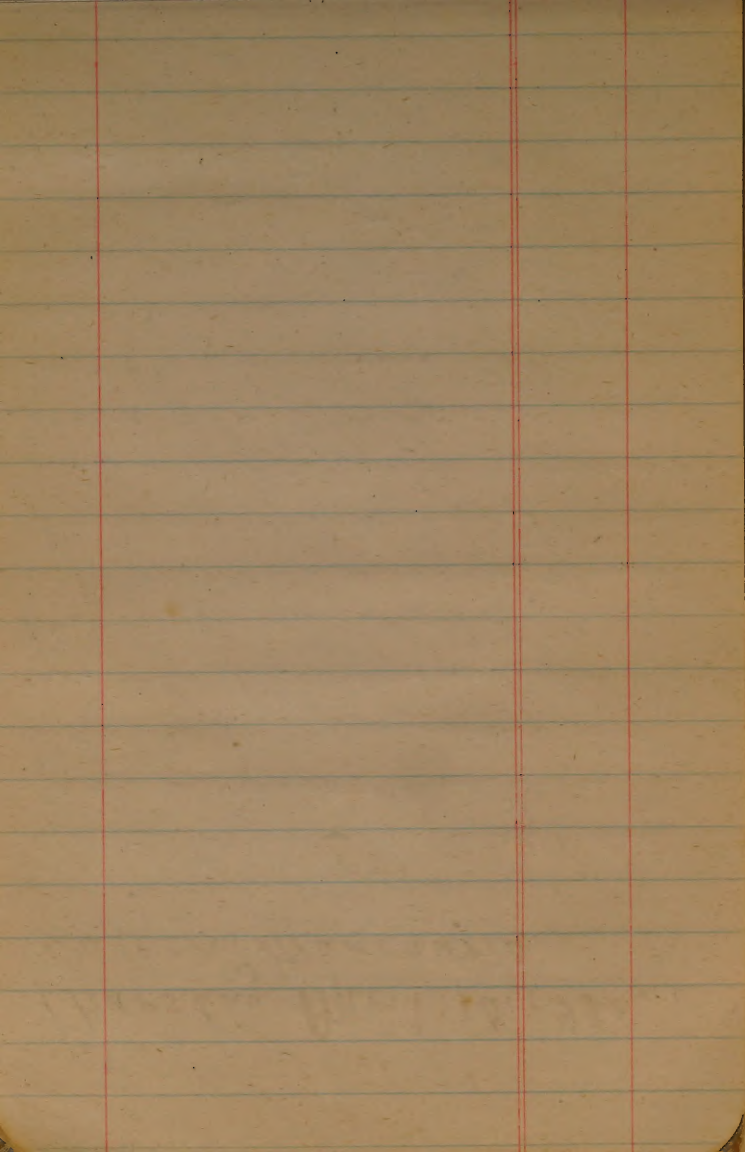
using a caustic soda solution.

We were also taken to the oil department where perilla seed is crushed for oil and also refined. It is said that large quantities of this oil are shipped to America for varnish and paint purposes. The chemist in charge said that the refined perilla oil has an iodine value of 197 which is higher than linseed oil (185) and therefore a valuable drying oil for paints. Large quantities of perilla oil are also used in Japan for paints for Japanese lanterns & umbrellas.

The Nisshin Oil Mills
just up Sunbeam Salad
oil and frying oil
under the name Noroil
in 1 quart glass bottles
and 1 gallon tin cans.

Repair - Typewriter 3 00.

Write letter to Prof. Williams
asking for loan of Publication
Write Dr. Pictor asking
for publication on oil.
refractometer for Mr.
Furness of the Nisshin
Oil Mills.



Thursday - April 10. 1930.

Dairen. Manchuria

variety.

Moshito. Small brown flat
grain near Mukden
Adapted especially to
new land. Appears to be
the Virginia variety.

Used on a new land
for the first crop. Turned
under for green manure.
Used for bringing up
soil for planting other
crops. Also used
for feed cattle feed.

Left by auto about 9.30
A.M. for the stock exchange
to observe the soybean
market. We were taken

in hand at the Exchange
Building by Mr.
who took us to a balcony
overlooking the main floor
of the stock market. The
scenes were rather exciting
and from the appearance
of certain excited groups
it looked as though
several free fights were
in progress. Certain
groups were dealing in
beans, others in bean
cake, bean oil and
Kao-liang.

These crops and products
are sold in present and
futures. The exchange is
under government control
and dealings are backed
by the firms. The prices
for the different seeds and

products were marked
by the different brokers on
black boards. The prices were
for 1 car load lots of beans,
1000 cases and 500 cases of oil.

The stock exchange consists
of 70 Chinese, 20 Japanese
and four foreign (Danish,
German, Russian members).
The greatest volume of business
is carried out by the Japanese
members. Last year about
3,000,000,000,000,000 silver yen
of business was carried on
through the exchange.

The member of the exchange
who showed us about
took us to the exhibit
room where we were shown

The grades of soybeans that the beans are sold by. The grades are determined by a committee composed of producers, government officials and stock exchange members in Jan. of each year. These grades remain until the Jan. of the next year unless the beans of the new harvest are of much better quality or lower quality. If such is the case, then the committee meets in Nov. and determines new grades for the season's harvest.

After our visit to the stock exchange we went to a Japanese soy sauce factory where the native method of producing sauce is carried on. The beans are

soaked for 24 hours, and then
steamed for another 24 hours.
Mandurian beans are used.
Wheat is roasted and then
cracked. The steamed beans
and cracked wheat are mixed
treated with *Aspergillus oryzae*
and then placed in the
fermenting room. The room
is first at 25°C and then
raised to 45°C . When it
reaches this heat in about
two days the mixture in
the flats is stirred by hand.
After four days in the ferment-
ing room the yellow mold
develops, and the mixture
is then placed in the
curing vat where it is

left for a year. Air pressure
is used for stirring up the
mass. It is then brought
out and the juice pressed
out. The juice is then put
in a double boiler and
brought nearly to the boiling
point, after which it is
allowed to cool and is
ready to be placed in tubs
for sale.

The cake left after the
sauce is pressed out (twice)
is used over again for
making a poor quality of
soy sauce which is used
by the Chinese cooks. The
waste cake is mixed with
water and left for one,
two, or three days depend-
ing on the temperature.

The cake left after this

is used by Chinese cooks
in making a sort of soup
such as miso soup.

The much left after the
first two pressings is often
sold to the Chinese who
make a soy sauce out of
it in their homes.

The beans for sauce are
generally bought for 5.00
to 5.50 yen per 100 lbs.

In the afternoon wrote
a letter to Hedy regarding
work. Also worked on
my bean note for
Shanghai.

PRODUCE

April 10th, 1930

Spot Deals

		Opening	Closing
BEANS (Business : 40 carloads)			
Silver Yen	.....	7.13	7.15
BEAN CAKE (Business : 7,000 pieces)			
Silver Yen	.....	2.330	2.335

Future Deals

BEANS (Business : 55 carloads)			
Apr.	delivery	.....	7.15 7.15
May	„	.....	7.22 7.23
Jun.	„	.....	7.24 7.27
July	„	.....	7.29 7.31
Aug.	„	.....	7.37 7.38
BEAN CAKE (Business : 19,000 pieces)			
Apr.	14 delivery	...	2.330 2.330
May	14 „	...	2.345 2.340
Jun.	14 „	...	2.330 2.340
July	14 „	...	2.335 2.340
BEAN OIL (Business : 8,000 cases)			
Apr.	14 delivery	...	20.20 20,20
May	14 „	...	20.20 20,20
Jun.	14 „	...	20.20 20,20
July	14 „	...	20.20 20,20

Kyodo No. 21. A.K.K.K., on 12th from Tsingtao with 200 tons general cargo, to take in 300 tons sundries therefor.

Manshu, D.K.K., on 13th from Yokohama to load 5,000 tons Coal & 2,000 tons Produce for Manila via Keelung & Takao.

Lahn, Anz, on 13th from Chinwangtao with 700 tons iron materials & 200 tons general cargo, to take in 300 tons hemp seeds & 1,900 tons Bean Oil in bulk for Hamburg.

VESSELS DUE

Toyo No. 5, D.K.K., on 11th from Yingkou, to load 22 carloads Beans for Canton via Hongkong.

City of Peking, Mitsuis, on 11th from Vladivostok with 350 tons general cargo, to take in 730 tons Bean Oil in bulk for Europe via ports

Tean, Butterfield-Swire, on 11th from Newchwang with 3,000 piculs general cargo, to sail for Canton.

Dairen, D.K.K., on 12th from Shanghai via Tsingtao with 1,500 tons general cargo, to take in 1,500 tons sundries therefor.

Formosa, Cornabe-Eckford-Winning, on 12th from Kobe to land 760 tons iron materials.

Tsushima, N.Y.K., on 12th from Kobe, to ship 2,000 tons Beans for Hamburg via ports.

Shiokubi, Takahashi, on 12th from Yawata, to ship 4,700 tons Coal therefor.

Tenshin, D.K.K., on 11th from Yingkou, to take in 2,500 tons Coal for Nanking.

Leetung, Tanaka, on 11th from Chefoo, to load 6 carloads Beans & 10,000 cases Bean Cake for Chemulpo via Chefoo & Weihaiwei.

Senkai, Daisan, on 12th from Chemulpo with 450 tons general cargo, to ship 230 tons Coal & 15,300 bags Bean Cake in bulk for Hokkaido via Chosen & Japan Sea ports.

Produce & Currency

Produce Quiet

Beans stood practically unchanged due to bullish aloofness. Oil also remained unheeded. Cake fell by 1 sen all-round.

80,000 pieces of Cake were put out to-day locally by 30 mills operating.

TO-DAY'S SCHEDULED ARRIVALS

Yeian, D.K.K., on 10th from Tientsin, to load 1,300 tons Bean Cake in bulk, 3,700 tons B. Cake, & 14 carloads Beans for Niigata via Fushiki.

Ural, O.S.K., on 13th from Moji with a full list of passengers & general cargo, to take in B. Cake & cereals for Kobe & Osaka.

Competency of Korean Bean Cake Ex- aminers

Brought to Question

Referring to the verdict passed by the Korean examiners upon a consignment of Bean Cake shipped from Changchun, a freight clerk of the Mukden S.M. Railway Division Office was sent to Antung to overhaul the Bean Cake in the presence of the Korean examiners.

As a result, the verdict rendered by the Korean examiners was brought to question.

What had been taken for the presence of pink Beans was due to the discolouring of the Beans under high pressure. What had been condemned as decayed grains were merely because of the appearance of the skins of coloured Beans. What had been put down as burnt Beans was ascribed to a result of the pressure applied. As ^{was} the mixture of reed in Bean Cake, its quantity was not any more than found mixed in ordinary circumstances.

The Korean examiner apparently got enlightened upon all these points, adding so much to the stock of his knowledge that cannot fail to serve him in great stead in performing his expert duties in future.

The consignment was as large as 6 carloads, and the consignors, having a regard for the future custom in Chosen, had consented to replace the wrongly condemned goods with other stocks.

WHITE-EYED BEANS FOR CHIENTAO

58 Koku Shipped as Seed Beans

The Japanese Consul-General, Chientao, having ordered 58 koku of white-eyed Beans through the Agriculture Office of the S.M.R. Co., the bean stock as ordered was shipped from Tiehling to Chientao on a recent date.

In the event of white-eyed beans being cultivated on a large scale in Chientao, the produce market of Tiehling will be made to feel its effect more or less.

In passing, this particular species of beans put out about Tiehling have earned a high reputation for their superior quality.

Friday, April 11, 1930.
Dairen, Manchuria.

PRODUCE

April 11th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : (50 carloads)		
Silver Yen	7.12	7.13
BEAN CAKE (Business : 13,000 pieces)		
Silver Yen	2.320	2.320

Future Deals

BEANS (Business : 94 carloads)		
Apr. delivery	7.14	7.12
May „	7.21	7.19
Jun. „	7.26	7.24
July „	7.28	7.29
Aug. „	7.35	7.34
BEAN CAKE (Business : 62,000 pieces)		
Apr. 14 delivery ...	2.315	2.320
May 14 „ ...	2.335	2.330
Jun. 14 „ ...	2.335	2.335
July 14 „ ...	2.340	2.340
BEAN OIL (Business : 11,500 cases)		
Apr. 14 delivery ...	20.20	20,20
May 14 „ ...	20.20	20,20
Jun. 14 „ ...	20.20	20,20
July 14 „ ...	20.20	20,20

Produce & Currency

PRODUCE FEATURELESS

Tone kept unchanged devoid of any feature worth noting this morning, except Beans that fluctuated only within narrow range.

32 mills kept operating, putting out 90,000 pieces of B. Cake locally to-day.

S.S. TJIKEMBANG

The Dutch s.s. Tjikembang, 8,013 tons gross, Capt. T. S. Schattenburg, of the Java-China-Japan Lyn, entered harbour this morning from Batavia via Chinwangtao to land 100 drums alcohol, and will take in 3,000 tons Beans for Java.

DEPARTURES

The O.S.K. s.s. America Maru sails from Dairen for Kobe on April 12 at 10 a.m.

The D.K.K. s.s. Sakaki Maru will leave here for Shanghai via Tsingtao on April 12 at 11 a.m.

The D.K.K. s.s. Saitsu Maru scheduled to leave port for Tientsin on April 14 at 4 p.m.

TO-DAY'S SCHEDULED ARRIVALS

Tjikembang, Cornabe Eckford Winning, on 11th from Chinwangtao with 100 drums alcohol, to sail for Java.

Formosa, Cornabe-Eckford-Winning, on 11th from Kobe to land 760 tons iron materials

Manshu, D.K.K., on 13th from Yokohama to load 5,000 tons Coal & 2,000 tons Produce for Manila via Keelung & Takao.

Atlantic, Kokusai, on 12th from Taku, to ship 500 tons Produce for America.

Chozan, A.K.K.K., on 12th from Chinnampo with 200 tons general cargo, to sail for Fuchow.

Ural, O.S.K., on 13th from Moji with a full list of passengers & general cargo, to take in B. Cake & cereals for Kobe & Osaka.

Kyodo No. 16, A.K.K.K., on 13th from Tsingtao with 200 tons general cargo, to load 400 tons sundries therefor.

Yoro, N.Y.K., on 14th from Chinnampo with 10,850 cases alcohol & 150 tons sundries for Keelung & Takao.

Fukuju, Tanaka, on 12th from Chefoo, to load 150 tons Coal therefor.

Shelton, Illies, on 12th from Tsingtao with 5,000 sacks flour, to ship 1,300 tons B. Cake & B. Meal for Seattle.

Saitsu, D.K.K., on 12th from Tientsin with 200 tons general cargo, to take in 300 tons sundries therefor.

Kanan, O.S.K., on 12th from Moji with 200 tons general cargo & 200 tons sugar, to sail for Tientsin.

Africa, O.S.K., on 12th from Moji with 1,200 tons timber, to load 130 tons B. Oil in bulk for Taku.

Teau, Butterfield-Swire, on 14th from Newchwang with 3,000 piculs general cargo, to sail for Canton.

Ryuhei, D.K.K., on 14th from Lungkon, to sail therefor.

Lehn, Anz, on 11th from Chinwangtao with 700 tons iron materials & 200 tons general cargo, to take in 300 tons hemp seeds & 1,900 tons Bean Oil in bulk for Hamburg.

VESSELS DUE

Toyo No. 5, D.K.K., on 12th from Yingkou, to load 22 carloads Beans for Canton via Hongkong.

City of Peking, Mitsuis, on 12th from Vladivostok with 350 tons general cargo, to take in 730 tons Bean Oil in bulk for Europe via ports

Tean, Butterfield-Swire, on 14th from Newchwang with 3,000 piculs general cargo, to sail for Canton.

Dairen, D.K.K., on 12th from Shanghai via Tsingtao with 1,500 tons general cargo, to take in 1,500 tons sundries therefor.

Tsushima, N.Y.K., on 12th from Kobe, to ship 2,000 tons Beans for Hamburg via ports.

Shiokubi, Takahashi, on 12th from Yawata, to ship 4,700 tons Coal therefor.

Senkai, Daisan, on 12th from Chemulpo with 450 tons general cargo, to ship 230 tons Coal & 15,300 bags Bean Cake in bulk for Hokkaido via Chosen & Japan Sea ports.

Kyodo No. 21. A.K.K.K., on 12th from Tsingtao with 200 tons general cargo, to take in 300 tons sundries therefor.

U.S. Agricultural Experts from Washington, D.C.

Mr. T. H. Dorsett and Mr. W. Morse, both agriculture experts of the Department of Agriculture, Washington Government, visited the Dairen Produce Exchange yesterday to witness how business was carried on on the Exchange.

We hear that the party have brought a cinematographing expert with them to take pictures of views and scenes bearing on produce trade in Manchuria.

Cold and windy. In the morning went to the S. M. Ry. office where we met Mr. Satoh. On account of official business, Mr. Satoh could not go with us so Mr. Li, his assistant, took us in charge to visit Soap and lard grease

factories where soybean
oil is used.

We first went to the Sainen
Yoshi Co. Ltd. where soybean
oil is hydrogenated and
products made for tard
substitute, candles, and
soap making. About 2400
tons of hydrogenated oil
are sold by this Co. yearly.
The tard substitute is put
up in pails - holding 3 lbs.
net which is sold for
1.20 ¥. This product is not
reported as nearly the entire
output is sold to the Japanese
Navy and Army Department
as a tard substitute.

For candle making, hydro-
genated oil with a melting
point of 60°C is used.

For soap making and
lard substitutes oil
(hardened) of 40° , 45° , 50°
and 55° melting points
are used.

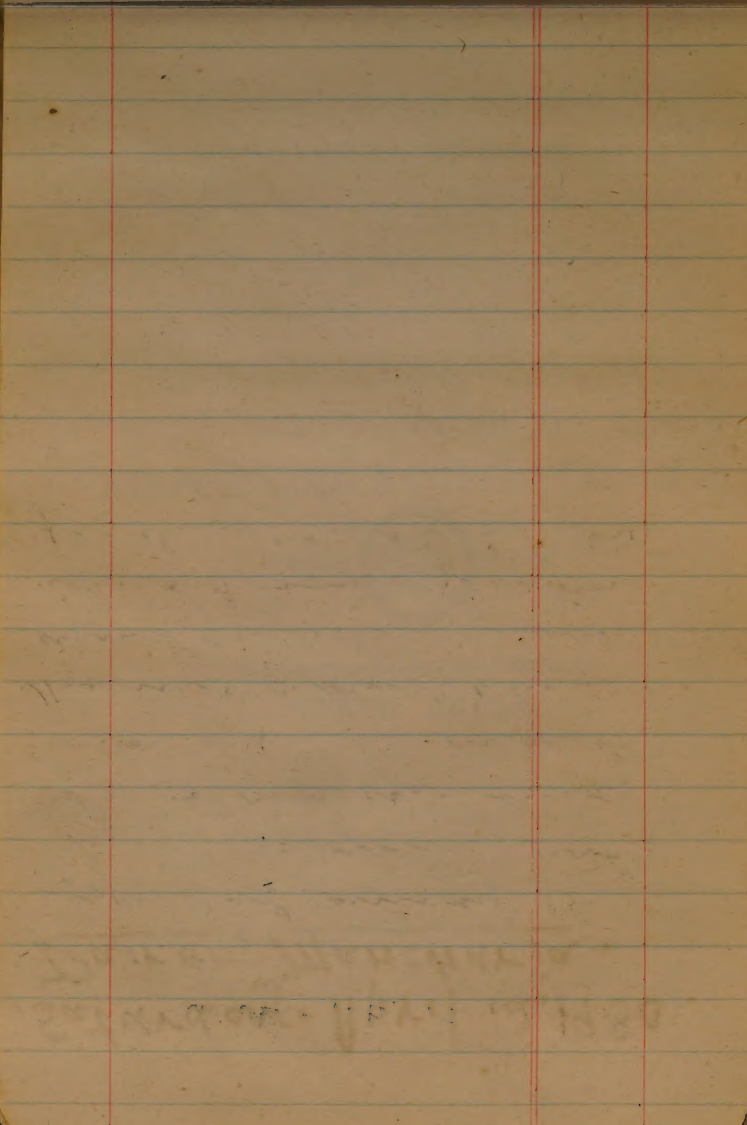
Mr. Kawase, the manager
and engineer took us thru
the plant explaining the
various steps employed.
The company has its
hydrogen and oxygen tanks
out in the yards. Nearby
by is the building where
water (H_2O) is split up
into Hydrogen and
oxygen, and stored in
the outside tanks and
also compressed in short
steel cylindrical tanks.

Samples of the various products made by this mill were sent to our office for our exhibit.

We next went to a soap factory where soybean oil is made into soap. Twenty different kinds of soap are made by this factory which used the refined oil and also the hydrogenated oil. In the manufacture of the soap, animal fat (lard) is mixed with soybean oil and the hydrogenated oil. Both soaps of various kinds as well as laundry soap and a sort of sand soap (like) Sapolin are made. This company promised to send us soaps of the

various birds made by
them.

In conference with Mr.
Sato, he advised that as
yet he had not any
records of my team production.
The last yearbook on file
was that of 1923. I promised
to send him yearbooks
for 1926, 1927, and 1928.



Saturday - April 12, 1930.

Dairen, Manchuria.

Clear, cool, windy.

In the morning wrote
official correspondence.
Cotton grown in Kuangtung
Province, S. Manchuria.

Upland varieties grown.
About 20,000 lbs. cotton
produced last year. The
yield average -

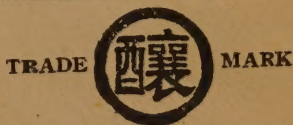
Native cotton	100 lb per $\frac{1}{4}$ acre
Improved ..	200 $\frac{1}{4}$ "

Try to breed at the Ry
Station earlier varieties
of Upland cotton.

In the morning wrote
official correspondence to
Mr. F. J. Cleary for year.

books for 1926, 1927, and 1928.
also wrote to Dr. Pictor for
bulletins on soy beans and
soy bean sauce for Mr. Tagano,
Nippon Joze Kogyo & Co. Ltd.
102 Omote-cho Koishikawa-ku.
Tokyo, Japan.

NIPPON JOZO KOGYO & CO. LTD.



102 Omote-cho Koishikawa-ku.
TOKYO JAPAN

Also wrote letter to Mr.
Ryerson asking that soy bean
movies be sent to Dairen to
show the S. M. Ry. Ag. Dept.
At 12:15 Mr. Furusawa,
Manager of the Nisshin

W. L. Mills called and took
me to lunch at the Dairen
Club where I met Mr.
Hishida of the S. M. Ry. The
British Consul (Mr.),
and some other English
gentlemen. Mr. Farnsvara
and Mr. Hishida offered
me free use of the Club
during my stay in Dairen.
Shortly after 2 P. M. I
met Mr. Sijetake at the
office of Mr. Satoh, S. M. Ry
Bldg. and talked concern-
ing future plans for
pigeon investigations
in Manchuria. Mr.
Satoh showed a number
of very interesting photo -

graphs of the soybean in-
dustry in South Manchuria.
We were offered copies of
any the photos desired for
our work.

In the evening worked
on soybean notes for
Manchuria, and listed
data desired concerning
this crop.

Produce & Currency

Produce Recovering

Produce tone that had remained rather depressing during the past several days recorded an all-round rally this morning because of reappearance of active bullish sentiment.

Beans rose by 2 sen or so, Cake by 1.5 sen, and Oil by 10-15 sen. Turnovers were fairly large.

34 local mills kept operating, putting out 81,000 pieces of Cake.

PRODUCE

April 12th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 40 carloads)		
Silver Yen	7.15	7.17
BEAN CAKE (Business : 42,000 pieces)		
Silver Yen	2.320	2.330

Future Deals

BEANS (Business : 123 carloads)		
Apr. delivery	7.16	7.17
May "	7.23	7.21
Jun. "	7.29	7.27
July "	7.32	7.32
Aug. "	7.36	7.37
BEAN CAKE (Business : 96,000 pieces)		
Apr. 14 delivery ...	2.320	2.325
May 14 " ...	2.345	2.350
Jun. 14 " ...	2.350	2.350
July 14 " ...	2.360	2.355
BEAN OIL (Business : 9,500 cases)		
Apr. 14 delivery ...	20.30	20.40
May 14 " ...		
Jun. 14 " ...	20.30	20.35
July. 14 " ...	20.30	20.30

The American s.s. Golden Horn, 6,321 tons gross, Capt. W. Croskey, of the Oceanic and Oriental Navigation Co., put in port yesterday from San Francisco via Taku to land 6,000 cases gasoline & 380 tons general cargo and will take in 600 tons Bean Meal for America via Shanghai.

Teau, Butterfield-Swire, on 14th from Newchwang with 3,000 piculs general cargo, to sail for Canton.

Manshu, D.K.K., on 13th from Yokohama to load 5,000 tons Coal & 2,000 tons Produce for Manila via Keelung & Takao.

Ural, O.S.K., on 13th from Moji with a full list of passengers & general cargo, to take in B. Cake & cereals for Kobe & Osaka.

Kyodo No. 16, A.K.K.K., on 13th from Tsingtao with 200 tons general cargo, to load 400 tons sundries therefor.

Yoro, N.Y.K., on 14th from Chinnampo with 10,850 cases alcohol & 150 tons sundries for Keelung & Takao.

Ryuhei, D.K.K., on 14th from Lungkou, to sail therefor.

Chojun, D.K.K., on 13th from Kobe & Osaka with 100 tons pig iron & 170 tons sundries therefor.

Calchas, Butterfield-Swire, on 13th from Vladivostok, to ship 1,000 tons Beans & 1,900 tons Bean Oil in bulk for London & Hamburg.

GOOD EASON



TO-DAY'S SCHEDULED ARRIVALS

Toyo No. 5, D.K.K., on 12th from Ying-kou, to load 22 carloads Beans for Canton via Hongkong.

Dairen, D.K.K., on 12th from Shanghai via Tsingtao with 1,500 tons general cargo, to take in 1,500 tons sundries therefor.

Tsushima, N.Y.K., on 12th from Kobe, to ship 2,000 tons Beans for Hamburg via ports.

Shiokubi, Takahashi, on 12th from Yawata, to ship 4,700 tons Coal therefor.

Senkai, Daisan, on 12th from Chemulpo with 450 tons general cargo, to ship 230 tons Coal & 15,300 bags Bean Cake in bulk for Hokkaido via Chosen & Japan Sea ports.

Kyodo No. 21. A.K.K.K., on 12th from Tsingtao with 200 tons general cargo, to take in 300 tons sundries therefor.

Shelton, Ilies, on 12th from Tsingtao with 5,000 sacks flour, to ship 1,300 tons B. Cake & B. Meal for Seattle.

Saitsu, D.K.K., on 12th from Tientsin with 200 tons general cargo, to take in 300 tons sundries therefor.

Kanan, O.S.K., on 12th from Moji with 200 tons general cargo & 200 tons sugar, to sail for Tientsin.

Sunday - April 13, 1930.

Dairen - Manchuria.

Clear and cool. In the morning worked on Soybean data in Manchuria. Ingetaker called in the morning & go over notes on soybean talks before Soybean Oil Mill Association and Soybean Trading Corporation.

In afternoon went to Hoshigaura Beach to look over prospects of summer home but it tooks but & hour room in Dairen and go out occasionally to beach. It takes about 15 minutes by bus from the New Jinga and fare

is 40 sen. The Yamato hotel runs a bus which is free to hotel guests. The street car runs to the beach and only costs 5 sen.

The beach should be an excellent place in the summer. Bathing at high tide should be fine as there is a nice sandy beach. Cottages can be rented.

When we returned to the hotel, we were advised that the Dr. had visited Dorsett and found that he has a touch of double pneumonia and advised that he go to a hospital. Difficulty was found in obtaining a nurse for such cases. Also Mr.

Smyetake had difficulty
in trying to find an
ambulance. The S. M.
By. hospital was advised
over a private hospital.

Notes were written on
place visited with re-
ference to movie and
still pictures to be taken.

Postage

1 18

Monday - April 14, 1930.

Dairen-Manchuria.

Cool and cloudy. Went to
the Consulate in the
Morning and obtained
mail and also some
statistics on soybeans and
other crops in Manchuria.
Obtained letter from Mrs.
Donovan regarding data
on European use of soybeans.

In the morning Doherty
was taken to the private
hospital of Dr. Kondo as
he is affected with a slight
case of double pneumonia.
Went to office and made
arrangement of logs and
other materials around

The Office. In the afternoon
work worked on my brain
data of Manchuria.

PRODUCE

April 14th, 1930

Spot Deals

		Opening	Closing
BEANS (Business : (40 carloads)			
Silver Yen	7.17		7.13
BEAN CAKE (Business : 42,000 pieces)			
Silver Yen	2.35		2.325
BEAN OIL (Business : 1,000 cases)			
Silver Yen	20.25		20.20

Future Deals

BEANS (Business : 118 carloads)			
Apr. delivery	7.15		7.13
May "	7.21		7.20
Jun. "	7.27		7.25
July "	7.31		7.28
Aug. "	7.35		7.35
BEAN CAKE (Business : 39,000 pieces)			
May 14 delivery ...	2.350		2.340
Jun. 14 " ...	2.340		2.340
July 14 " ...	2.350		2.340
BEAN OIL (Business : 1,000 cases)			
May 14 delivery ...			
Jun. 14 " ...	20.25		20.25
July 14 " ...			

CURRENCIES

Produce & Currency

PRODUCE WEAKER

In the absence of any active bullish incentive, Beans again relapsed by 3-4 sen. Cake was also rated somewhat weaker. Oil, too, fell by 10 sen from Saturday afternoon.

35 local mills kept operating, putting out 83,500 pieces in all.

TO-DAY'S SCHEDULED ARRIVALS

Tang Shan, O.S.K., on 14th from Tientsin, to ship 800 tons Produce for Shanghai.

Chinkiang, Butterfield-Swire, on 14th from Shanghai, to load 500 tons Beans for Amoy.

Fukuju, Tanaka, on 14th from Chefoo, to take in 150 tons Coal therefor.

Fiume, Cornabe-Eckford-Winning, on 14th from Moji, to ship 160 tons peanuts for Triest.

Isshin, D.K.K., on 14th from Yingkou, to load 1,074 cases benzol for Shanghai.

VESSELS DUE

Yoro, N.Y.K., on 15th from Chinnampo with 10,850 cases alcohol & 150 tons sundries for Keelung & Takao.

Hoten, D.K.K., on 15th from Shanghai via Tsingtao with 1,500 tons general cargo, to load 1,500 tons sundries therefor.

Kyodo No. 26, A.K.K.K., on 15th from Chefoo with 200 tons general cargo, to take in 500 tons Coal & Beans for Chemulpo.

Kyodo No. 36, A.K.K.K., on 15th from Tsingtao with 200 tons general cargo, to ship 300 tons sundries therefor.

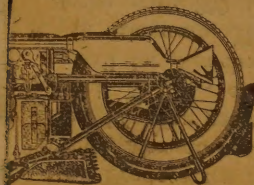
Hongkong, O.S.K., on 16th from Japan with a full list of passengers & general cargo, to load B. Cake & cereals for Kobe & Osaka.

Gembu, N.Y.K., on 17th from Newchwang,

for Nagasaki.

The above phenomenal speed

PRACTICALLY 2



SPEED &

Manchurian Bean Cake for Japan

Since the one-third reduction of the Customs tariff has been agreed to be discontinued concerning the Frontier trade, according to the new Sino-Japanese Customs Agreement, what used to be shipped from New Wiju, on the Korean side of the Yalu, opposite Antung, for export to Japan ports seem destined to converge on the port of Chinnanpo (Chosen) because of the special reduction of one-third of the railway freights as offered by the Chosen Railway for Bean Cake consignments from New Wiju to that port.

This reduction privilege applying to Bean Cake only, the matter is being taken up by the more enterprising exporters in Seoul and Chinnanpo.

Bean Mixed Storage at Kirin Station

Much Trade Diverted to K.-H. Line

The Bean Mixed Storage service opened at the Kirin Station in November last was closed at the end of last month. Altogether 751 carloads were examined, of which 696 carloads passed muster. They comprised 91 carloads special class, 573 carloads 1st class, and 32 carloads 2nd class goods.

In point of quality, they were exceptionally fine, but in respect of quantity, it was the smallest since the Mixed Storage service was opened in 1922.

Much of the produce trade might have been diverted to the Kirin-Hailungcheng Line (Chinese).

S.S. CALCHAS

The British s.s. Calchas, 10,304 tons gross, Capt. W. J. Elford, of the Ocean Steamship Co., put in port yesterday from Yokohama and will leave here for London & Hamburg on the 16th inst., taking 1,000 tons Beans & 1,900 tons Bean Oil in bulk.

S.S. SHELTON

The American s.s. Shelton, 6,063 tons gross, Capt. G. E. Prankard, of the Tacoma Oriental Steamship Co., entered harbour yesterday from Yokohama via Tsingtao to land 5,000 sacks flour, and will load 1,300 tons Bean Cake & Bean Meal for America.

Tuesday - April 15, 1930.

Dairen - Manchuria.

In the morning went to the Manchurian Ry office to see Mr. Satoh with regard to visiting oil mills and soap factories using soybean oil in the manufacture of products.

We were given bulletins on the legumes of Mongolia and Manchuria, and also diseases of the flora of Manchuria.

~~May~~

Mitsubishi Corp. -

Mitsui Co. -

~~Asano Trading Corp. -~~

Okura Trading Corp. -

Nissin Oil Mills under the Okura Corp.

The Mitsui, Mitsubishi and the Okura Cos. have soybean oil mills, Mitsubishi Oil Mills.

Manufacture 300,000 tons of dried beans in year for oil & oil meal, produce about 270,000 tons cake in year and about 30,000 tons oil. Has another factory here to produce the above amounts.

These oil mills buy oil and oil cake from outside mills for their trading. This Co. ships from 500 to 1000 tons bean cake meal per month to the United

States - Seattle, San Francisco
and New Orleans. Coarse
meal and ^(fine meal) flour shipped
to the states. More of the
fine meal is being shipped
than formerly.

Arrived about 2 P.M. at
the office of the Mitsubishi
Oil Mills where we were
met by the manager
Mr. Yoshida. He advised
that the labor shift would
not start until 2 P.M.
About 2:15 we started
through the oil mills. We
first went to the bean
room where the beans were
dumped in a large bin
on the ground floor.

They were taken up three
feet by air suction to
the room above where
they were heated, and
then cracked and run
through rollers making
flakes like thick corn
flakes. These flakes were
then placed in grundy
sacks (about 57 lbs) and
placed over a steam bath
where they were left for
about 40 seconds. The steamed
flakes were then placed in
the forms in the bottom
and on the sides of which
bundles of grass were placed.
The forms were placed in
a press and made compact.
They were then taken
and placed in the
hydraulic presses where

they were left under pressure for 4 hours. After pressing the cakes were removed, trimmed, and weighed, and then rolled in the storage room. The next day the cakes are taken to the wharves where they are inspected. The cakes are judged by weight, shape and impurities. Cakes should weigh 61 lbs.

Occasionally Chinese oil mills adulterate the cakes with sand or dirt. When an inspector finds such a cake, it is sent to the S. M. Ry. Central Laboratory and analysed

for impurities. If found adulterated the mill owners are given an opportunity to explain to a committee of the Soybean Oil Mill Association. If a satisfactory explanation is not given the mill is ejected from the Association.

The Mitsubishi Co. sells the cakes but has had trouble with European shipments owing to the moisture of the cakes, which is 17% and generally with this percentage of moisture, mold develops. The Co. has through its process reduced the moisture content to 13% but this requires more material and they

are forced to charge
10 sen more per cask of 61
lbs. The bean when weighed
46.5 lbs. Japanese weight
or 61 lbs. American weight.
The Mitsubishi sells
the cake, and a meal to
American trade, but
mostly meal (flour) which
is quite similar to our
corn meal in texture.
This meal in 100 lb
bags (burley-fine quality)
sells F.O.B. San Francisco
at \$3.50 per ton (2000 lbs).
In Dairen the cake
sells for \$2.30 per piece
of 61 lbs.

at the present time

rybkums are selling
in Dairen for \$7.10 per
100 lbs. (Japanese weight).

For Japanese trade-
groundry and fertilizers
the cake is much more
coarsely ground than for
American trade.

In shipping meal
to Americans, a central
laboratory certificate is
used showing that the
meal contains:

Moisture	10.20
Fat	6.87%
Protein	45.00%

In the European trade
a different standard is
used. The guarantee shall
show that the Fat and
Protein should be 50 or
more per cent. In all

cake, these two constituents always exceed 50%.

The Mitsubishi Trading Co. is a large concern and has branch offices in New York City, Seattle and San Francisco.

The soy bean oil after being pressed out is piped into large storage tanks in the mill yards. It is left in the tanks for a day or two until the impurities settle and then the clear oil is drawn off in barrels (orons) and taken to the S. M. Ry. yards where it is inspected.

The oil is judged on moisture, fatty acids, color and impurities.

Mr. Yoshida was much interested in the use of oil meal in America, and also the culture of the beans.

We were given permission to take any pictures we desired in the yards or mill but were warned by Mr. Yoshida that the Chinese coolie laborers did not care to have their pictures taken and we might have trouble if we tried to include them. In the press room there were about 30 coolies working and all they wore was a

smile or a scowl. They did seem to like any body around watching their work.

Mr. Yoshida promised the different forms of cake and meal. He also agreed to buy a trimmed cake and also one just as it came from the press. He also promised bundles of the grass used in the press. Pictures desired -

Outside -

Dirt Tanks

Storage of beans

Piles of grass bundles.

Loads of beans.

Loads of bean cake

Inside pictures

Presses -

Forms with grass ^{bundles}

Cakes - trimmed & rough.

Piles of bean flakes.

PRODUCE

April 15th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 70 carloads)		
Silver Yen	7.15	7.17
BEAN CAKE (Business : 8,000 pieces)		
Silver Yen	2.325	2.330

Future Deals

BEANS (Business : 40 carloads)		
Apr. delivery	7.16	7.17
May "	7.21	7.23
Jun. "	7.25	7.27
July "	7.29	7.31
Aug. "		
BEAN CAKE (Business : 6,000 pieces)		
May 14 delivery ...	2.345	2.350
Jun. 14 " ...	2.340	2.340
July 14 " ...	2.350	2.340
BEAN OIL (Business. 1,500 cases)		
May 14 delivery ...		
Jun. 14 " ...	20.25	20.25
July 14 " ...	20.20	20.25

Produce & Currency

BEANS & CAKE RECOVERING

Beans strengthened by 3 sen or so. Cake, too, was a shade stronger, while Oil stood almost unchanged. Business kept rather inactive all-round.

32 local mills kept operating with the total output of 83,000 pieces of Cake.

VESSELS DUE

- Hongkong, O.S.K., on 16th from Japan with a full list of passengers & general cargo, to load B. Cake & cereals for Kobe & Osaka.
- Gembu, N.Y.K., on 17th from Newchwang, to take in 200 tons Produce for Nagasaki & Yokohama.
- Kuanglee, Chingkee, on 16th from Antung, to ship 700 tons Coal for Tsingtao.
- Kaiju, Tanaka, on 16th from Antung, to sail for Lungkou.
- Delhi, Cornabe-Eckford-Winning, on 16th from Kobe, to load 2,200 tons Beans for Port Said.
- Shinshu, N.Y.K., on 17th from Chinnampo with 200 cases alcohol, to ship 3,000 tons Produce for Keelung & Takao.
- Tsuruga, Maruni, on 17th from Tsingtao, to load 400 tons general cargo for therefor.
- Sagami, N.Y.K., on 18th from Nagasaki, to sail for Newchwang via Tientsin.

R. C. Rickmers, Holstain, on 19th from Japan with 860 tons general cargo, to sail for Chinwangtao.

Baikal, O.S.K., on 19th from Japan with a full list of passengers & general cargo, to take in B. Cake & cereals for Kobe & Osaka.

Oregon, Kokusai, on 16th from Ujina with 700 tons flour, 400 tons iron material, & 300 tons timber, to take in 5,000 tons Produce for Miike.

Kulmerland, Illies, on 16th from Taku with 800 tons general cargo, to load 5,000 tons Beans & 450 tons Bean Oil in bulk for Europe.

Patroclus, Butterfield-Swire, on 18th from Taku with 800 tons general cargo, to sail for Glasgow.

Sakaki, D.K.K., on 18th from Shanghai via Tsingtao with 800 tons sundries, to take in 800 tons general cargo therefor.

Havre, O.S.K., on 18th from Shanghai, to load 400 tons Produce for Kobe.

VESSELS IN BERTH

Wednesday - April 16, 1930.

Dairen - Manchuria.

Clear and mild.

In the morning went to the Mangyoken Soap Mfg. Co Soap Co. to obtain samples of soaps made from soybean oil. Although we understood that this Co. made both washing and bath soaps from soybean oil, they say they only use soybean oil in their wash soaps.

Worked on Dr. Sato's Bull. Botany of Manchuria compiling list of wild legumes growing in North China, Mongolia,

Manchuria, Siberia and Korea. The list compiled shows 102 species and 28 genera. Dr. Sato works for the S. M. Ry. and we plan to get in touch with him to find the best sections for making collectors of wild legume seed this coming season in North China, Manchuria, and Korea.

Time was also spent in arranging a talk on Soybeans in the United States before a joint meeting of the Soybean Oil Mill Association, Soybean Trading Association and employees of the South Manchurian Ry. Agricultural Dept.

Mr. Sato of the Ry. Dept.
 had a large map made
 of the United States with
 the states outlined so
 that the soybean industry
 in the United States would
 be clearer to the audience.
 Received a letter from
 Mrs. Donovan with regard
 to soybean industry
 in Europe.
 Official postage. \$0

PRODUCE

April 16th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 30 carloads)		
Silver Yen	7.17	7.16
BEAN CAKE (Business : 32,000 pieces)		
Silver Yen	2.335	2.335
BEAN OIL (Business : 1,200 cases)		
Silver Yen	20.15	20.15

Future Deals

BEANS (Business : 92 carloads)		
Apr. delivery	7.16	7.14
May "	7.22	7.20
Jun. "	7.28	7.26
July "	7.33	7.31
Aug. "	7.38	7.36
BEAS CAKE (Business : 39,000 pieces)		
May 14 delivery ...	2.350	2.350
Jun. 14 " ...	2.355	2.350
July 14 " ...	2.355	2.355
BEAN OIL (Business.		
May 14 delivery ...		
Jun. 14 " ...		
July 14 " ...		

Produce & Currency

PRODUCE STATIONARY

Tone remained at a standstill all-round through the utter absence of bullish sentiment, and in consequence, turnovers were only in nominal amount.

28 local mills kept operating, putting out 67,000 pieces of Cake in all to-day.

Lecture by American Agricultural Expert

At Railway Club, Dairen

Dr. W. Morse of the Department of Agriculture, U.S.A., staying in Dairen with his colleague, Dr. P. H. Dorsett, has consented to give a lecture on the "Production and Uses of Soya Beans in the United States" in the upper floor room of the Railway Club, Dairen at 5 p.m. on the 18th, Friday.

SHIPPING NEWS

M.V. DELHI

The Swedish m.s. Delhi, 4,571 tons gross, Capt. F. N. Borgstrom, of the Swedish East Asiatic Co., put in port early this morning from Kobe, and will take in 2,200 tons Beans for Port Said in a day or two.

TO-DAY'S SCHEDULED ARRIVALS

Kulmerland, Illies, on 16th from Taku with 800 tons general cargo, to load 5,000 tons Beans & 450 tons Bean Oil in bulk for Europe.

Daito, Sawayama, on 16th from Japan with 1,300 tons timber, to ship a cargo of Coal for Tsuruga.

Kago, N.Y.K., on 16th from Tsingtao, to load 250 tons Bean Oil in bulk for New York.

Thursday - April 17, 1930.

Kinska - Manchuria

Left Dairen	12	30	0.1
Ar. Chinchon (Kinska)	1	30	
Left Chinchon	5	00	0.11
Ar. Dairen	5	55	
Buss. from Dairen to Chinchon	(12) 75	1.50	h.
" " - Chinchon to Dairen	(12)	1.50	

Went at once by bus to
the Exp. Sta. where you met
Mr. Nakatomi, ^{Asst.} Director of
the Station. The following lines
of work are carried on:

Cotton Breeding

Entomology

Chemistry

Horticulture

Livestock

Pathology

Seed desired -
alfalfas - varieties
Clovers - { Alsike
 { Red
 { White (Sweet)

Grasses -

Sudan

Timothy

Orchard

Tall Meadow Cat

Lespedeza

Crotolaria

Send to

Mr. Sabao Nakatomi

Ag. Engineer

60 Kantocho Ag. Expt. Sta.,

Kimshu, Manchuria

Left the Terminal bus
station at 12.30 P. M. for
the Kantocho Ag. Expt. Sta.
to look over the experiment
work that is being carried

on. The country outside
of Duran leading to
Chinchor (Kinshu) is
rather a desolate hilly
and very rocky country.
Frequent outcroppings
of limestone were noted.
The soil is of a reddish
brown light loam. The
fields were rather stony
and in very stony
places the land was
teraced. Throughout the
fields, piles of earth
were noted. These were
manure pits in which
manure had been placed
to rot and covered with
soil. In some fields
the farmers were

broadcasting this measure
soil in the furrows
behind the plowman
and planter. Sorghum
seed was being planted
with one of the sorghum
stem and gourd planters.
No many fields were as
yet prepared for planting.
This region traversed to-
day is said to be largely
planted to millet and
sorghum.

Arriving at the station we
met Mr. Sadao Nakatomi
Asst. director, who gave us
full information concerning
the experimental work being
carried on. In field crops
cotton breeding work is
most extensive. The old
native varieties which

are rather tall growing and have a rather extensive root system has been displaced in the Kwantung province by crosses between the native and best chosen varieties. Our northern limit of cotton growing is Mukden. North of the Japanese concession only the native cotton is grown.

We will show the various laboratories, first going to the soils laboratory where soil technology and classification are being studied.

There is also a well equipped entomological laboratory. The principal

study is that of apple
insect pests.

The cotton investigations
are being carried on
in rather a large bldg.
have several well equipped
laboratories.

The experiment station
has in its grounds about
50 cho - 125 acres.

In the livestock work,
much attention is being
made to improve the
chosen cattle for farm
work. There are three
herds of excellent cattle
very large and well
formed. These are also
being crossed with the
native Manchurian
stock. A few head of
dairy cattle are kept.

two Ayrshire and a few
Holsteins.

More or less work is
being given to improving
the native hog by crossing
with the Berkshire. Several
pairs of excellent young
and old were noted.

There is a large poultry
Department testing out
different breeds of chickens
and methods of incubation.
Work is being carried
on to improve native
stock and also work with
geese, ducks and turkeys.

In the Horticultural Dept.
the most extensive work
is being carried on with
apples, the two best varieties

being Koko and
varieties grown extensively
in Chosen. About 1000
acres are being planted
out annually. In 10 yrs.
the acreage in the leased
territory will exceed the
apple acreage of Chosen.

Several varieties. Methods
of pruning and fertilizing
are being carried on. The
station buys hundreds
of trees annually and
hundreds of trees are
given to the farmers.

On going over the
horticultural experiments,
a small paperian
was noted. The Muscab
Hampburg is mostly grown
and gives the best results.
Many native Chinese

varieties are being grown.

There is an excellent pear orchard in which native Japanese and native Chinese pears are being tested.

With peaches, there is a large collection of native Chinese varieties at the time of our visit, apple grafting was being carried on by Chinese. After the grafts are made and tied the soil is mounded over the plants.

After our survey of the grounds, we had a talk with Mr. Nakatani regarding wild legumes.

The wild soybean occurs very abundantly in this region. He also said that two alfalfas occur wild - a blue and a white flower. There are said to be many wild legumes in this immediate section.

No soybean work is being done by this station. All soybean testing and breeding is being carried on at the Kungchuling sta. of the S. M. Ry.

Mr. Nakatani assured us that he will be glad to help us in any way we can with our agricultural investigations, and would like to have us come out any time to visit the station.

On returning to the bus
sta. in the upper Sta. basha
we were taken in the
walled city of Chinchon.

PRODUCE

April 17th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 50 carloads)		
Silver Yen	7.14	7.11
BEAN CAKE (Business : 60,000 pieces)		
Silver Yen	2.330	2.315
BEAN OIL (Business : 2,000 cases)		
Silver Yen	20.00	19.95

Future Deals

BEANS (Business : 98 carloads)		
Apr. delivery	7.12	7.09
May "	7.18	7.16
Jun. "	7.21	7.19
July "	7.29	7.26
Aug. "	7.34	7.32
BEAN CAKE (Business : 11,000 pieces)		
May 14 delivery ...	2.340	2.335
Jun. 14 " ...	2.340	2.335
July 14 " ...		
BEAN OIL (Business : 4,500 cases)		
May 14 delivery ...	20.00	20.00
Jun. 14 " ...	20.10	20.00
July 14 " ...	20.10	20.00

S.S. KULMERLAND

The German s.s. Kulmerland, 7,362 tons gross, Capt. P. Kuttert, of the Hamburg-Amerika Linie, put in port this morning from Taku to land 800 tons general cargo, and will sail from here for Hamburg via ports on the 19th, taking 5,000 tons Beans & 450 tons Bean Oil in bulk.

Produce & Currency**PRODUCE DULLISH**

Because of want of bullish incentive, Beans relapsed by 3-5 sen. Both Cake and Oil were quoted also weaker. Business was exceedingly dull.

28 mills kept operating, turning out 71,000 pieces of Cake in all to-day.

Navigation on the Sungari

Steamer traffic has been reopened on the Sungari as the river is completely free from the floes.

The Northeastern Navigation Guild, Harbin, despatched the s.s. "Peking" as the first boat for Tung-ho on the 13th inst., followed by the s.s. "Hangchow" to Ihan and the "Kwangchow" to Sansing, both on the 14th.

Friday - April 18, 1930.

Dairen - Manchuria

Mild and clear. The past 2 or three days have been very spring like. The apricots, forsythias are in full bloom. The flowering cherries are in bud and should be in bloom within the next week.

In the morning went to the Central Laboratory to see about the various products of the soybean which Dr. Kato promised on a previous visit. Dr.

Kato in charge of certain work such as the extraction of lecithin, argon, etc. from soybean oil will

send them to our office room.

Dr. Kato was much interested in the flour work of Dr. Le Clerc and will write to him. I also promised to write Dr. Le Clerc.

Also had conference with Dr. Kato and Dr. Satoh with reference to other products manufactured in Manchuria from the soybean.

In afternoon prepared data for talks on soybean for Soybean Societies in Dairen.

At 5 P.M. Mr. Sugitake and I went to the auditorium of the S. M. Ry. Bldg. where there was a very large audience of S. M. Ry.

agricultural workers, soybean
oil mill using soybean
trading men.

We discussed the soybean
industry in the United
States from the beginning
and told of the manner
in which the soybeans
are being used.

Produce & Currency

PRODUCE FEATURELESS

Beans were a shade weaker, dropping by 2 sen or so all-round. Cake stood stationary. No Oil was dealt in this morning.

28 mills kept operating to-day, putting out 60,000 pieces of Cake in all.

SILVER CALM

Tone remained stagnant, being quoted at G.Y69.80 with only nominal amount of turnovers.

Bar Silver, London, further improved by a point to 19-11/16d.

PRODUCE

April 18th, 1930

Spot Deals

		Opening	Closing
BEANS (Business : 40 carloads)			
Silver Yen	.....	7.10	7.11
BEAN CAKE (Business : 6,000 pieces)			
Silver Yen	.....	2.320	2.315

Future Deals

BEANS (Business : 98 carloads)			
Apr.	delivery	.....	7.09 7.08
May	"	.....	7.16 7.15
Jun.	"	.....	7.20 7.19
July	"	.....	7.27 7.25
Aug.	"	.....	7.32 7.31
BEAN CAKE (Business : 11,000 pieces)			
May	14 delivery	...	2.335 2.335
Jun.	14	"	...
July	14	"	...
BEAN OIL (Business :			
May	14 delivery	...	
Jun.	14	"	...
July	14	"	...

CURRENCY

Dr. Hishida, slated to speak at the meeting, said in substance:

In spite of the over-population and food problems confronting the present day Japan, he took quite an optimistic view of the situation and based his argument on the ground that Japan should be prepared to feed 100,000,000 population, the present figure standing at 63,000,000, not including Chosen Peninsula. In his opinion, the Japanese can live on rice and fish. Figuring per capita rice consumption a year at 1 "koku", the total rice production of Japan proper is 55,000,000 koku, to which 2,000,000 koku of Formosa should be added up, not including 6,000,000 koku of Chosen, and 1,000,000 koku of Manchuria which last mentioned output is mainly for domestic consumption.

He went on:

Then, rice cultivation, by adoption of intensive farming admits of being improved to yield a substantial increase by bettering irrigation and manuring.

As regards fish, excepting the territorial coast waters, as designated in the International Law, the fish in all the seas are open to hauling up. As matters stand, Japan's adjacent seas supply 50% of the entire fish consumption in Japan, the open seas 25%, and the trawler fishery 15%. The enterprise of the Japanese fishermen is proverbial. They are reported to go as far north as 60° N.L., while on the south, they cross the Equator. Regarding the nutritive value of fish, the specialists credit it with an ample amount of albumen which constitutes the main factor of nutriment, in addition to sufficient of the much-talk-of vitamin. The only drawback in fish is the only moderate amount of calories contained therein which can be easily made up for by the method of cooking.

Cherry Flower Season about to Open

Dairen will Look at Its Best

From yesterday, the bud-developing process of spring has been noticed to be more tangibly accelerated. The night air ceased to be chilly, while the smoke nuisance thankfully decreased, the calm sunny weather raising no more dust. The grass is growing rapidly, while the buds are quickly unfolding themselves. The early apricots, jasmines, etc. are about to burst forth.

In Electric Park, a few cherries have already come out, and a general burst-out will open next Sunday.

The latest cherries at Hoshigaura will be at their best on the 5th or the 6th next. From the present indications, the Emperor's Birthday, the 29th inst., will be the "Cherry Flower Day" at Dairen. About that time, the peaches, lilacs, and others will also be in blossom, painting the earth in variegated colours.

The chief cherry flower resorts in and about Dairen are:—

Electric Park: cherry grove increased with 150 trees brought from Fukuoka, Japan, there being about 600 in all to look at their best about the 23rd, besides 230 apricots, to be followed soon by the purple wistarias and lilacs.

Yayoigaike Pond (Nanzanroku): about 60 cherry trees to come out in full about the 23rd. It is in a small-scaled park, laid out well, with the pond, a few knolls, and several flower beds.

Nankayen Garden (at south end of Central Park): about 100 trees to be at the height of the season towards the end of the month.

Aoyagi Cherry Garden (on the Rokotan road): about 300 cherry flowers still left, about the 23rd inst.

Fushimidai Reservoir: about 500 cherries mostly old, suited for picnicking on the greenswards; to be at their best about next Sunday (20th).

Shakako Filter Bed: about 350 cherries containing many old ones will be in season about the 25th; closed to the public in ordinary times, but thrown open during the cherry season.

Rokotan: double-petalled old cherries, about a dozen oldest trees good to admire, especially after nightfall; to be in season about the 25th.

Wangchiatien Reservoir: situated rather out of the way, accessible by Chinese droskies: large grove of 1,300 cherries in season about the 23rd.

Hoshigaura: prettiest cherry resort, in season about May 5, the latest in these parts. There are about 2,500 cherries.

Lungwangtang (the seat of the Reservoir on the Port Arthur road): over 1,000 cherries, 40 minutes' drive in Dairen-Port Arthur bus. Beginning to come out about the 20th inst.

Tatsugaoka Filter Bed: about 400 cherries behind Dairen Fuji.

Saturday - April, 19, 1930.

Dairen - Manchuria

Mild and cloudy.

Slight rain in morning.

In morning worked on survey of wild legumes in North China, Manchuria, Korea, Siberia and Mongolia.

Tabulation of data shows the following of genera and species in these countries.

Country	Genera	Species
Manchuria	26	67
Mongolia -	17	63
North China	21	43
Korea -	21	39
Siberia -	15	33

The following samples were received from the Mangyoku Soap Mfg. Co. Dairen.

1. Sample of crude soybean oil
2. Sample of hydrogenated soybean oil.
3. Sample of beef fat
4. Sample of pieces of resin.
5. Two cakes of washing soap B-2-S
6. Two cakes of Acacia Washing Soap for all uses.

The first four samples represent the products that are used in the manufacture of the B2S washing

Laundry soap and the Acacia Washing soap.

PRODUCE

April 19th, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 30 carloads)		
Silver Yen	7.08	7.04
BEAN CAKE (Business : 90,000 pieces)		
Silver Yen	2.320	2.295
BEAN OIL (Business : 1,200 cases)		
Silver Yen	19.85	19.80

Future Deals

BEANS (Business : 114 carloads)		
Apr. delivery	7.01	7.01
May "	7.13	7.09
Jun. "	7.17	7.14
July "	7.23	7.21
Aug. "	7.30	7.28
BEAN CAKE (Business : 30,000 pieces)		
May 14 delivery ...	2.320	2.310
Jun. 14 " ...	2.320	2.310
July 14 " ...		
BEAN OIL (Business : 2,000 cases)		
May 14 delivery ...	19.90	19.90
Jun. 14 " ...	19.90	19.90
July 14 " ...		

S.S. PATROCLUS

The British s.s. Patroclus, 11,314 tons gross, Capt. Geo. T. Clark, of the China Mutual S.N. Co., put in port at 7 this morning from Liverpool via Taku to land 800 tons general cargo, and will leave here for Glasgow on the 26th, taking 600 tons Bean Oil in bulk and 100 tons buckwheat.

Produce & Currency

PRODUCE DEPRESSING

Due to want of buying support, Beans further dropped by 5 sen. Cake also was quoted weaker. Oil, too, was inclined depressed.

28 local mills kept operating with the total output of 67,000 pieces amongst them.

Zosma, Cornabe-Erkford-Winning, on 20th from Miike, to load 3,000 tons Beans & 1,000 tons Bean Oil in bulk for Port Saido.

Atreus, Butterfield-Swire, on 21st from Shanghai with 600 tons general cargo, to take in 800 tons Bean Oil in bulk for Liverpool.

Sunday-April 20th, 1930
Dairen-Manchuria.
Easter Sunday.

Cool and clear. Very
windy and dusty.
Worked on wild plum
literature in morning.
In afternoon visit
Electric park and found
flowering cherries, pears
and apricots in full
bloom. Forsythias are
in full bloom. The
flowering plum is
in full bloom and
is used as a hedge
plant in some of the
parks.

Dorsett's condition was
much worse today as

jaundice has developed.
He has now been delirious
since Tuesday and has
had a high fever since
Friday a week ago.
(April 17).

Monday - April 21, 1930.
Dairen, Manchuria.

Cloudy and clear. In the morning went to see Dorsett at Kondo Hospital and Dr. Kondo advised that Dorsett's condition was about the same.

Obtained fifteen varieties of soy bean seed from the South Manchurian Ry Sta. Expt. Sta. at Kungchuling. These are selected varieties from their over 2000 varieties and selections. All other varieties desired can be secured when a visit is made to this station.

later in the season. The following varieties were received:

5649 - Hakerbi = Mukden White
 For grain.

5650 - Changchung, #220
 For green manure

5651 - Kingen
 For grain

5652 - Kungchuling Sta. #319
 For pasture

5653 - Kōhōshū
 For grain

5654 - Kungchuling Sta. #543
 For pasture.

5655 - Kungchuling Sta. #483
 For pasture

5656 - Karyuan #191
 For green manure.

5657 - Mōshētō
 For green manure.

5658 - Kungchuling Sta. #480
 For pasture

5668 - Medium coarse flakes for export to the main island for poultry feed.

Moisture ————— 10 %
 Fat ————— 7 %
 Protein ————— 44.5 %

5669 - Coarse flakes - for export to the main island for fertilizing purposes.

Moisture ————— 11 %
 Fat ————— 7.5 %
 Protein ————— 44 %

5670 - Piece of soy bean round cake.

PRODUCE

April 21st, 1930

Spot Deals

		Opening	Closing
BEANS (Business : 80 carloads)			
Silver Yen	.....	7.05	7.04
BEAN CAKE (Business : 50,000 pieces)			
Silver Yen	.....	2.390	2.295

Future Deals

BEANS (Business : 128 carloads)			
Apr. delivery	.....	7.00	7.01
May	„	7.08	7.08
Jun.	„	7.13	7.13
July	„	7.20	7.18
Aug.	„	7.27	7.25
BEAN CAKE (Business : 30,000 pieces)			
May 14 delivery	...	2.310	2.305
Jun. 14	„	2.310	2.305
July 14	„	...	...
BEAN OIL (Business :			
May 14 delivery	...		
Jun. 14	„		
July 14	„	...	...

Produce Neglected

Because of a very small number of operators attending the session this morning, the market was quite lifeless, putting forth only minor turnovers.

Beans fell by 3-5 sen, while Cake stood practically unchanged.

77,000 pieces of Cake were put out to-day by 29 mills operating locally.

Southward Shipments from Harbin

Dwindle to Only 20 per cent or so

The improvement of Manchurian Bean tone on the European market has enlivened the Produce circle in North Manchuria, stimulating the bullish impulse of the foreign exporters.

From the consideration of freights and costs, the major portion of Beans is now being sent to Vladivostok, the Southward consignments dwindling down to 19-23 %.

The first junk Beans being expected at Harbin in a few days, the Eastwards traffic will be pretty certain to get further boomed.

Peiping-Mukden Line. The fuel problem is bothering the head of the management, and experimental borings are being carried on at Taohai coal mine and, in case of its being pronounced as workable, a coaling line will be built to the colliery. Lt.-Gen. Tsou-tsohua, President of the Reclamation Co., under whose line is building.

S.S. TAMING

The British s.s. Taming, 2,209 tons gross, Capt. P. Maley, of the China Navigation Co., put in port last Saturday from Newchwang to land 100 tons general cargo, and will leave here for Canton via Hongkong on the 22nd, with 40 carloads Beans.

CARGO STEAMER ZOSMA

The Dutch cargo steamer Zosma, 8,429 tons gross, Capt. M. E. Dik, of the Van Nievelt Goudriaan Co., entered port yesterday from Miike, Japan, to land 120 tons general cargo, and will take in 3,000 tons Beans and 1,000 tons Bean Oil in bulk for Port Said.

Derfflinger, Anz, on 21st from Taku with 230 tons general cargo & 170 tons iron materials, and to load 300 tons Beans & 200 tons hemp seeds for Hamburg.

Zosma, Cornabe-Erkford-Winning, on 20th from Miike, to load 3,000 tons Beans & 1,000 tons Bean Oil in bulk for Port Said.

Tuesday - April 22, 1930.
Dairen - Manchuria.

Cloudy. Cool.

Mr. Ohara.

Kidze - Mr. Ohara collects
Kidze seed in October and
sells 4000-5000 lbs. of
seed through the Sakata Seed
Co. of Yokohama. Sells about
400-500 lbs. direct to seed-
men in the United States.
Sells \$.60 per lb. in U. S.

Mr. Minoru Ohara

No. 9 Kodama-Machi

Dairen.

Manchuria

in 100 lb. lots. Sells to Sakata
& Yokohama Nursery Co.
for 60 sen per lb.

Mr. Ohara collects seed
of Kidze, wild plants, and
wild legumes and
ornamentals.

Kidze seed is collected
from as far north as Mukden
which seems to be the
northern limit for seed.
No use is made of Kidze
in Manchuria except to
gather the seed to sell to
foreign countries.

Mr. Ohara represents the
Manshu Nosan Shokai, Inc.
Wholesale Seed Growers and
Collectors.

Dairen, South Manchuria.

This company sells large
quantities of Boysia pungens,
Manchurian lawn grass. It
said to be perennial and
very hardy, and suitable

for Golf or Aviation fields,
Aviation fields in Japan
and Chosen have been
sown to this grass and
the fairways on many
golf courses. Grows from
5-7 in. high and is said
to stand much trampling.
This same grass occurs far
north in Manchuria and
throughout Chosen. The seed
ripens in June in Manchuria
and is used also for lawns.
Much of the seed is collected
about Chinchon. It sells
for 35 cents per lb. or 3.00
for 10 lbs. or 25 for 100 lbs.
This seed is gathered in
late June or early July.
Many orders have been
received from Japan for
seed for aviation fields
and golf courses and athletic
fields.

Mr. Ubara is in a
position to collect seed of
wild plants in north China,
Korea, Manchuria, Mongolia
and Siberia. If we will
submit a list of wild
legumes he will have his
collectors get this seed in the
various countries mentioned -
as he has seed collectors in
various sections.

Two wild alfalfas are said
to occur about Dairen - a
yellow flower and a purple
flower. These forms mature
seed in August.

Sample of seed of Kudzu
seed was given me and is
given No. 5682.

PRODUCE

April 22nd, 1930

Spot Deals

	Opening	Closing
BEANS (Business : 40 carloads)		
Silver Yen	7.05	7.07
BEAN CAKE Business : 20,000 pieces)		
Silver Yen	2.290	2.305
BEAN OIL (Business : 200 cases)		
Silver Yen	19.95	19.95

Future Deals

BEANS (Business : 151 carloads)		
Apr. delivery	7.03	7.04
May "	7.11	7.13
Jun. "	7.17	7.19
July "	7.21	7.24
Aug. "	7.27	7.30
BEAN CAKE (Business : 16,000 pieces)		
May 14 delivery ...	2.305	2.320
Jun. 14 " ...	2.320	2.325
July 14 " ...		
BEAN OIL (Business : 7,000 cases)		
May 14 delivery ...	20.00	20.05
Jun. 14 " ...		
July 14 " ...	20.00	20.00
Aug. 14 " ...	20.05	20.05

S.S. DERFFLINGER

The German s.s. Derfflinger, 9,162 tons gross, Capt. Rhlehr, of the North German Lloyd, put in port yesterday from Bremen via Taku to land 300 tons general cargo, and was to leave here for Europe to-day, taking 300 tons Beans & 250 tons hemp-seeds.

TURBINE S.S. TJIKANDI

The German turbine s.s. Tjikandi, 7,979 tons gross, Capt. H. De Jonge, of the Java-China-Japan Lyn, entered harbour yesterday from Chinwangtao with 1,990 packages sugar, and will take in 2,000 barrels cement and 2,600 tons Beans, sailing for Java on the 24th inst.

Produce & Currency

Produce Rallying

Beans recovered by 5-6 sen by the reappearance of bullish sentiment. Cake, too, went up by 1.5 sen or so. Oil remained a shade stronger. Turnovers were fairly large.

31 mills kept operating, producing 68,000 pieces of Cake amongst them.

Lisbon, N.Y.K., on 25th from Tsingtao, to take in 400 tons Bean Oil in bulk for New York.

Wednesday, April 23, 1930

Dairen-Manchuria.

Cloudy-cool; slight rains during the day. In the morning wrote letters to Dr. Peters and Joe McHoney. Wrote Peters concerning wild legumes in Eastern and northern Asia. Also wrote concerning *Goyena* junceus offered by Mr. Ubara.

In morning also went to office and arranged boxes for sending seed to America.

After lunch went to the office of Mr. Satoh, S. M. Ry. to receive samples of soybean seed received through the

Wharf Inspection Office. From different stations along the Manchurian Ry. Twenty samples were received, numbered and written up.

Two plants covered with flowers - *Fuchsia* and lantern plant - were presented to the Morse family by the Soybean Association of Dairen in appreciation of the soybean talk given there at a joint meeting last Friday.

Mr. Satoh is looking toward the greater use of soybean cake for cattle and poultry in the Japanese Empire. At the present time 90% of the soybean cake imported by Japan is used.

for fertilizing purposes.
 leaving only 10% for other
 uses, principally cattle
 feed. Mr. Satoh is anxious
 to extend the use of cake
 for soy sauce.

Produce & Currency

Beans Relapse

Due to the revival of local Silver,
 Beans dropped by 7-8 sen all-round.
 Cake, too, fell nominally in sym-
 pathy with Beans. Cake stood
 rather neglected.

28 mills kept operating, produc-
 ing 67,000 pieces of Cake to-day.

PRODUCE

April 23rd, 1930

Spot Deals

		Opening	Closing
BEANS (Business : 40 carloads)			
Silver Yen	.....	7.09	7.03
BEAN CAKE (Business : 17,000 pieces)			
Silver Yen	.....	2.310	2.295

Future Deals

BEANS (Business : 151 carloads)			
Apr.	delivery	.....	7.04 7.01
May	"	.....	7.14 7.09
Jun.	"	.....	7.20 7.13
July	"	.....	7.24 7.18
Aug.	"	.....	7.29 7.26
BEAN CAKE (Business : 16,000 pieces)			
May	14 delivery	...	2.325 2.305
Jun.	14 "	...	2.325 2.310
July	14 "	...	
BEAN OIL (Business : 2,500 cases)			
May	14 delivery	...	19.90 19.90
Jun.	14 "	...	
July	14 "	...	
Aug.	14 "	...	

1971½

S.S. ATREUS

Ta
S
Q The British s.s. Atreus, 6,726 tons gross, Capt. T. G. Nivison, of the Ocean Steamship Navigation Co., entered harbour on the 21st inst. from New York via Yokohama & Shanghai to land 450 tons general cargo, and will leave here for Glasgow on the 24th, with 600 tons Bean Oil in bulk.

Lisbon, N.Y.K., on 25th from Tsingtao, to take in 400 tons Bean Oil in bulk for New York.

Suma, Daisan, on 27th from Chemulpo, to ship 72,500 pieces Bean Cake & 21,200 bags B. Cake in bulk for Hokkaido via Chosen & Japan Sea ports.

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